

**INFORMATION TO OFFERORS OR QUOTERS
SECTION A - COVER SHEET**

*Form Approved
OMB No. 9000-0002
Expires Sep 30, 2000*

The public reporting burden for this collection of information is estimated to average 35 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (9000-0002), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS. RETURN COMPLETED FORM TO THE ADDRESS IN BLOCK 4 BELOW.

1. SOLICITATION NUMBER N00178-03-R-3060	2. (X one)	3. DATE/TIME RESPONSE DUE 30 MAY 2003, 2:00 PM
	<input type="checkbox"/> a. INVITATION FOR BID (IFB)	
	<input checked="" type="checkbox"/> b. REQUEST FOR PROPOSAL (RFP)	
	<input type="checkbox"/> c. REQUEST FOR QUOTATION (RFQ)	

INSTRUCTIONS

NOTE: The provision entitled "Required Central Contractor Registration" is applicable to most solicitations.

1. If you are not submitting a response, complete the information in Blocks 9 through 11 and return to the issuing office in Block 4 unless a different return address is indicated in Block 7.
2. Responses must set forth full, accurate, and complete information as required by this solicitation (including attachments). "Fill-ins" are provided on Standard Form 18, Standard Form 33, and other solicitation documents. Examine the entire solicitation carefully. The penalty for making false statements is prescribed in 18 U.S.C. 1001.
3. Responses must be plainly marked with the Solicitation Number and the date and local time set forth for bid opening or receipt of proposals in the solicitation document.
4. Information regarding the timeliness of response is addressed in the provision of this solicitation entitled either "Late Submission, Modification and Withdrawal of Bid" or "Instructions to Offerors - Competitive Acquisitions".

4. ISSUING OFFICE (Complete mailing address, including ZIP Code) Contracting Officer Attn: XDS13/Bldg. 183/1st Floor/Room 106 NAVSURFWARCEN Dahlgren Division 17320 Dahlgren Road, Dahlgren, VA 22448-5100	5. ITEMS TO BE PURCHASED (Brief description) Engineering Support, Analysis, Management Support, Technical Services, and Test Support.
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6. PROCUREMENT INFORMATION (X and complete as applicable)	
<input checked="" type="checkbox"/> a. THIS PROCUREMENT IS UNRESTRICTED	
<input type="checkbox"/> b. THIS PROCUREMENT IS _____	% SET-ASIDE FOR SMALL BUSINESS. THE APPLICABLE SIC CODE IS: _____
<input type="checkbox"/> c. THIS PROCUREMENT IS _____	% SET-ASIDE FOR HUB ZONE CONCERNS. THE APPLICABLE SIC CODE IS: _____
<input type="checkbox"/> d. THIS PROCUREMENT IS RESTRICTED TO FIRMS ELIGIBLE UNDER SECTION 8(a) OF THE SMALL BUSINESS ACT.	

7. ADDITIONAL INFORMATION NOTICE: THIS SOLICITATION CONTAINS AN ORGANIZATIONAL CONFLICT OF INTEREST CLAUSE
--

8. POINT OF CONTACT FOR INFORMATION	
a. NAME (Last, First, Middle Initial) Attn: Code XDS13	b. ADDRESS (Include ZIP Code) Contracting Officer NAVSURFWARCEN Dahlgren Division 17320 Dahlgren Road Dahlgren, VA 22448-5100
c. TELEPHONE NUMBER (Include Area Code and Extension) (540) 653-7765	d. E-MAIL ADDRESS xds13@nswc.navy.mil

9. REASONS FOR NO RESPONSE (X all that apply)	
<input type="checkbox"/> a. CANNOT COMPLY WITH SPECIFICATIONS	<input type="checkbox"/> d. DO NOT REGULARLY MANUFACTURE OR SELL THE TYPE OF ITEMS INVOLVED
<input type="checkbox"/> b. UNABLE TO IDENTIFY THE ITEM(S)	<input type="checkbox"/> e. OTHER (Specify)
<input type="checkbox"/> c. CANNOT MEET DELIVERY REQUIREMENT	

10. MAILING LIST INFORMATION (X one)	
WE <input type="checkbox"/> DO <input type="checkbox"/> DO NOT DESIRE TO BE RETAINED ON THE MAILING LIST FOR FUTURE PROCUREMENT OF THE TYPE INVOLVED.	

11a. COMPANY NAME	b. ADDRESS (Include ZIP Code)

c. ACTION OFFICER	
(1) TYPED OR PRINTED NAME (Last, First, Middle Initial)	(2) TITLE
(3) SIGNATURE	(4) DATE SIGNED (YYYYMMDD)

FOLD

FOLD

FROM

AFFIX
STAMP
HERE

SOLICITATION NUMBER	
N00178-03-R-3060	
DATE (YYYYMMDD)	LOCAL TIME

SOLICITATION, OFFER AND AWARD1. THIS CONTRACT IS A RATED ORDER
UNDER DPAS (15 CFR 700)

RATING

PAGE OF PAGES

2. CONTRACT NUMBER

3. SOLICITATION NUMBER

4. TYPE OF SOLICITATION

☐ SEALED BID (IFB)
☒ NEGOTIATED (RFP)

5. DATE ISSUED

16 April 2003

6. REQUISITION/PURCHASE
NUMBER

7. ISSUED BY

CODE

N00178

Naval Surface Warfare Center, Dahlgren Division
Attn: XDS13, Building 183, Room 106 (XDS13@nswc.navy.mil),
17320 Dahlgren Rd, Dahlgren, VA 22448-5100

SEE ITEM 7

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

SOLICITATION9. Sealed offers in original and 4 copies for furnishing the supplies or services in the Schedule will be received at the place specified in Item 8, or if handcarried, in the depository located in Building 183, Room 106 until 14:00 local time 30 MAY 2003
(Hour) (Date)

CAUTION - LATE Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.

10. FOR
INFORMATION
CALL:

A. NAME

XDS13

B. TELEPHONE (NO COLLECT CALLS)

AREA CODE

540

NUMBER

653-7765

EXT.

C. E-MAIL ADDRESS

xds13@nswc.navy.mil

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OFFER (Must be fully completed by offeror)

NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.

12. In compliance with the above, the undersigned agrees, if this offer is accepted within _____ calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

13. DISCOUNT FOR PROMPT PAYMENT
(See Section I, Clause No. 52-232-8)

10 CALENDAR DAYS (%)

20 CALENDAR DAYS (%)

30 CALENDAR DAYS (%)

CALENDAR DAYS (%)

14. ACKNOWLEDGMENT OF AMENDMENTS
(The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated):

AMENDMENT NO.

DATE

AMENDMENT NO.

DATE

15A. NAME AND
ADDRESS
OF OFFEROR

CODE

FACILITY

16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER
(Type or print)

15B. TELEPHONE NUMBER

AREA CODE

NUMBER

EXT.

☐ 15C. CHECK IF REMITTANCE ADDRESS
IS DIFFERENT FROM ABOVE - ENTER
SUCH ADDRESS IN SCHEDULE.

17. SIGNATURE

18. OFFER DATE

AWARD (To be completed by Government)

19. ACCEPTED AS TO ITEMS NUMBERED

20. AMOUNT

21. ACCOUNTING AND APPROPRIATION

22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION:

☐ 10 U.S.C. 2304(c) () ☐ 41 U.S.C. 253(c) ()23. SUBMIT INVOICES TO ADDRESS
SHOWN IN (4 copies unless otherwise specified)

ITEM

24. ADMINISTERED BY (If other than Item 7)

CODE

25. PAYMENT WILL BE MADE BY

CODE

26. NAME OF CONTRACTING OFFICER (Type or print)

27. UNITED STATES OF AMERICA

28. AWARD DATE

(Signature of Contracting Officer)

IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.

AUTHORIZED FOR LOCAL REPRODUCTION
Previous edition is unusableSTANDARD FORM 33 (REV. 9-97)
Prescribed by GSA - FAR (48 CFR) 53.214(c)

SECTION B - SUPPLIES OR SERVICES AND PRICES

<u>ITEM</u>	<u>SUPPLIES/SERVICES</u>	<u>QUANTITY</u>	<u>AMOUNT</u>
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BASE PERIOD – 1 OCTOBER 03 – 30 SEPTEMBER 04

0001

1 LOT

The Contractor shall provide engineering support, analysis, management support, technical services, and test support for Electromagnetic Environmental Effects (E-Cubed) programs in accordance with Section C.

Estimated Cost: _____
 Fixed Fee: _____
 ECPFF: _____

0002	Data in accordance with the Contract Data Requirements List, DD Form 1423, in support of CLIN 0001.	1 LOT	*NSP
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*NSP – Not Separately Priced – Included in price of CLIN 0001

OPTION PERIOD #1 – 1 OCTOBER 04 – 30 SEPTEMBER 05

0003

Continuation of services as described in Item 0001 above.

1 LOT

Estimated Cost: _____
 Fixed Fee: _____
 ECPFF: _____

0004	Data in accordance with the Contract Data Requirements List, DD Form 1423, in support of CLIN 0003.	1 LOT	*NSP
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*NSP – Not Separately Priced – Included in price of CLIN 0003

OPTION PERIOD #2 – 1 OCTOBER 05 – 30 SEPTEMBER 06

0005 Continuation of services as described 1 LOT
in Item 0001 above.

Estimated Cost: _____
Fixed Fee: _____
ECPFF: _____

0006 Data in accordance with the Contract Data Requirements 1 LOT *NSP
List, DD Form 1423, in support of CLIN 0005.

*NSP – Not Separately Priced – Included in price of CLIN 0005

OPTION PERIOD #3 – 1 OCTOBER 06 – 30 SEPTEMBER 07

0007 Continuation of services as described 1 LOT
in Item 0001 above.

Estimated Cost: _____
Fixed Fee: _____
ECPFF: _____

0008 Data in accordance with the Contract Data Requirements 1 LOT *NSP
List, DD Form 1423, in support of CLIN 0007.

*NSP – Not Separately Priced – Included in price of CLIN 0007

OPTION PERIOD #4 – 1 OCTOBER 07 – 30 SEPTEMBER 08

0009 Continuation of services as described 1 LOT
in Item 0001 above.

Estimated Cost: _____
Fixed Fee: _____
ECPFF: _____

0010 Data in accordance with the Contract Data Requirements 1 LOT *NSP
List, DD Form 1423, in support of CLIN 0009.

*NSP – Not Separately Priced – Included in price of CLIN 0009

CLAUSES INCORPORATED BY FULL TEXT**HQ B-2-0004 EXPEDITING CONTRACT CLOSEOUT (NAVSEA) (DEC 1995)**

(a) As part of the negotiated fixed price or total estimated amount of this contract, both the Government and the Contractor have agreed to waive any entitlement that otherwise might accrue to either party in any residual dollar amount of \$500 or less at the time of final contract closeout. The term "residual dollar amount" shall include all money that would otherwise be owed to either party at the end of the contract, except that, amounts connected in any way with taxation, allegations of fraud and/or antitrust violations shall be excluded. For purposes of determining residual dollar amounts, offsets of money owed by one party against money that would otherwise be paid by that party may be considered to the extent permitted by law.

(b) This agreement to waive entitlement to residual dollar amounts has been considered by both parties. It is agreed that the administrative costs for either party associated with collecting such small dollar amounts could exceed the amount to be recovered.

SECTION C DESCRIPTIONS AND SPECIFICATIONS

CLAUSES INCORPORATED BY FULL TEXT

STATEMENT OF WORK

C.1 INTRODUCTION

C.1.1 - The Naval Surface Warfare Center Dahlgren Division (NSWCDD) has been assigned the responsibility for various Electromagnetic Environmental Effects (E³) programs. The term E³ as it pertains to this contract, will include the following disciplines: Hazards of Electromagnetic Radiation to Ordnance (HERO), Electromagnetic Vulnerability (EMV), Electromagnetic Interference (EMI), Electromagnetic Pulse (EMP), Hazards of Electromagnetic Radiation to Personnel (HERP), Hazards of Electromagnetic Radiation to Fuel (HERF), Electrostatic Discharge (ESD), TEMPEST, Lightning, Power Quality, Electromagnetic Compatibility, (EMC), Direct Current (DC) Magnetics, Precipitation Static (P-Static), Shielding Effectiveness, and Bonding and Grounding.

C.1.2 - NSWCDD requires contractual support that will provide engineering, analytical, management support and technical services, test support and supplies in support of each of the aforementioned E³ disciplines. Programs that are supported include, but are not limited to, the following: Air Systems Electromagnetic Interference Corrective Action Program (ASEMICAP), TOMAHAWK, HERO, EMV, Radiation Hazards (RADHAZ), Joint Ordnance Programs, Ground Support Equipment (GSE), Aircraft (both rotary and fixed wing), and Air Launched Ordnance (ALO). Functional support for Naval and Joint programs will be required to: generate E³ test plans and reports; perform E³ analyses of electronic and ordnance systems; conduct E³ testing; operate, maintain, and repair test instrumentation and facilities; provide Government/Industry interface support; maintain and update E³ documentation and databases; and, make Electromagnetic Environment (EME) measurements (including HERO and RADHAZ), to quantify EME levels and perform engineering analyses to predict EME levels to identify and/or correct problems.

C.1.3 APPLICABLE DOCUMENTS

The following documents listed herein are applicable to this requirement.

C.1.3.1 - NAVSEA OP 3565/NAVAIR 16-1-529/
NAVELEX 0967-LP-624-6010

C.1.3.2 - MIL-HDBK-235

C.1.3.3 - NAVSEAINST 2410

C.1.3.4 - OP 30393

C.1.3.5 - MIL-STD-461E Interface Standard

- C.1.3.6 - MIL-STD-464 Interface Standard**
- C.1.3.7 - MIL-STD-469 Interface Standard**
- C.1.3.8 NAVAIRINST 2410.1D**
- C.1.3.9 - MIL-HDBK-237A**
- C.1.3.10 - NAVAIR AD 1115**
- C.1.3.11 - OPNAV NOTICE 5100**
- C.1.3.12 - MIL-STD-1399 Interface Standard**
- C.1.3.13 - MIL-STD 1310 Interface Standard**
- C.1.3.14 - DoD 5220.22M**

All necessary technical publications for various ordnance systems will be provided by the Government as Government Furnished Information (GFI).

C.2 ANALYSIS

C.2.1 - The Contractor shall provide engineering support to analyze the adequacy of design of ordnance/electronic systems for precluding E³ problems. If deficiencies are found, the Contractor shall develop recommendations for eliminating or reducing potential system susceptibility problems.

C.2.2 - The Contractor shall provide engineering and analytical support required to assess the impact of hardware design changes and modifications to specifications on the E³ susceptibility of ordnance/electronic systems. Additionally, the Contractor shall assess the impact of changes to test or certification criteria and new or unique ordnance/electronic system applications for which systems were not originally designed. As part of the effort, the Contractor shall develop technical recommendations for procurement requirements to ensure that appropriate E³ design and evaluation considerations are addressed.

C.2.3 - The Contractor shall provide analytical support necessary to make technical recommendations towards the generation and rewriting of E³ military standards, guidelines, performance specifications, and operational publications. The Contractor shall also develop drafts of new publications and standards and review the existing publications and standards for accuracy and currency, as well as recommend revisions of publications and standards found to be deficient.

C.2.4 - The Contractor shall perform E³ assessment and analysis of Non-Development Item (NDI) and Commercial Off-The-Shelf (COTS) electronic equipment intended for integration into

Naval and Joint Weapon Systems. The results of this analysis will recommend corrective actions and modifications necessary for weapons and weapon systems to comply with performance requirements.

C.2.5 - The Contractor shall analyze E³ operational procedures to determine if existing weapons and weapon systems conform to the appropriate E³ requirements. The Contractor shall analyze test results, generate recommendations regarding the E³ pass/fail test criteria, and document conclusions.

C.2.6 - The Contractor shall conduct literature searches in trade publications, MIL-STDs and related documents in the field of E³ testing and related test and evaluation fields to isolate candidate procedures, techniques and devices for nondestructive testing for use by NSWCDD.

C.2.7 - The Contractor shall perform engineering analysis of reported ship and weapon systems power disturbances, investigate the nature of the disturbance, identify the cause and propose a corrective action plan.

C.2.8 - The Contractor shall perform E³ engineering analysis of weapons and shipboard weapon systems, perform engineering analysis of ships and shipboard weapons systems with regard to the Shipboard Electromagnetic Compatibility Improvement Program (SEMCIP) Technical Assistance Network (STAN) data base.

C.2.9 - Prior to the conduct of any EME survey the Contractor shall perform a pre-survey analysis to determine the required measurement equipment and facility support at the platform/facility to be surveyed. Also, this pre-survey analysis shall define survey objectives such as number, location, and height of points to be measured.

C.2.10 - The Contractor shall provide engineering and technical support for Cost Operational Effectiveness Analysis (COEA) and acquisition programs for Naval and Joint ordnance and electronic systems to ensure compliance with applicable E³ requirements.

C.2.11 - The Contractor shall provide technical support relative to radiation hazards. The Contractor shall review documentation such as Ship Alterations (SHIPALTs) and Engineering Change Proposals (ECPs) to determine whether or not RADHAZ considerations have been adequately considered, as well as to assess the potential EMC impact of the alterations/proposals. The Contractor shall also participate in applicable meetings and conferences.

C.3 TESTING

C.3.1 - The Contractor shall provide engineering and technical support for conducting E³ certification testing of Naval and Joint weapons and electronic systems. The facilities to support these tests include NSWCDD ground planes, mode-stirred chamber, anechoic chamber, NOTES facility, and various shipboard and land based platforms.

C.3.2 - The Contractor shall conduct E³ tests of Naval and Joint ordnance and electronic systems as specified in detailed test plans. In support of these tests, the Contractor shall setup and put

into place the system under test, establish (by measurement) the Radio Frequency (RF) test environments (using measuring equipment such as NM-25Ts, power meters, spectrum analyzers, and oscilloscopes), conduct specified test procedures, and monitor/record instrumentation responses.

C.3.3 - The Contractor shall conduct experiments to determine and verify the adequacy of present E³ measurement procedures, techniques, and instruments for both laboratory and field testing.

C.3.4 - The Contractor shall evaluate new procedures, techniques, and instrumentation systems to determine if they are equal or superior to those presently employed. Recommendations will be formulated discussing acceptable proposed new techniques and those being currently employed.

C.3.5 - A portion of this effort will be conducted on fixed wing aircraft with their engines in operation and rotary wing aircraft with their rotors turning and/or in an environment that includes exposure to the maximum safe levels of RF microwave energy, (as explained in OPNAV 5100).

C.4 FACILITY OPS, EQUIPMENT MANAGEMENT, INSTRUMENTATION

C.4.1 - In support of the above testing, the Contractor shall operate and maintain NSWCDD unique high power transmitters, which may include the FRT-5 and FRT-96 High Frequency (HF) transmitters, COBER model 6081, Sanders A/B/C Bands and other specially built emitters to generate the test environments for those systems under test.

C.4.2 - The Contractor shall modify existing equipment or set up new equipment for the generation of test environments. In support of this effort, the Contractor may be required to procure and install hardware, such as waveguides, connectors, and electronic components incidental to the operation of the test facilities. These items shall become the property of the Government.

C.4.3 - The Contractor shall provide technical support for the design, development, and installation of current and future instrumentation to support E³ testing. As part of this effort the Contractor shall provide technical support for the disassembly, modification, and reassembly of inert ordnance systems to accommodate the installation of E³ instrumentation.

C.4.4 - As part of the instrumentation support, the Contractor shall maintain and repair both analog and digital instrumentation systems, such as strip chart recorders and electro-optical telemetry systems, which belong to the Government. Occasionally the Contractor may be required to procure instrumentation components/hardware, e.g., power supplies, cable connectors, etc., which shall become the property of the Government.

C.4.5 - The Contractor shall provide support for the development and evaluation of new instrumentation to improve E³ measurements.

C.4.6 - The Contractor shall develop procedures, techniques, and instrumentation, such as fiber optic, and microprocessor based data collection and processing equipment for nondestructive E³ testing.

C.4.7 - The Contractor shall perform the necessary corrective actions identified in previous test and evaluations of weapon and/or weapons systems, and must possess or have access to the necessary materials and equipment to perform said functions.

C.4.8 - The Contractor shall have the ability to manufacture/assemble EMI filters, bond straps, and temporary hardening devices. The Contractor shall also have the ability/facilities/equipment or access to the aforementioned to effect minor electronic repairs and circuitry modifications.

C.4.9 - The Contractor shall provide management support by completing other specific tasks that support the J50 E³ mission.

C.5 GOVERNMENT/INDUSTRY INTERFACE SUPPORT

C.5.1 - The Contractor shall attend and participate in meetings, symposia, and conferences such as Electromagnetic Compatibility Advisory Boards (EMCABs), Program Management Reviews, Technical Interchange Meetings, Design Reviews, Environmental Working Groups (EWOGs), Institute of Electrical and Electronic Engineers (IEEE) EMC Symposia, and North Atlantic Treaty Organization (NATO) RADHAZ meetings. The Contractor shall assist the Government in identifying potential problem areas, solutions, planning, action item responses, out briefs, and scheduling.

C.6 DOCUMENTS/DATABASE

C.6.1 - The Contractor shall provide engineering and technical documentation support for system design reviews, EMCABs, NATO Council of National Armament Directors (CNAD), Weapon System Explosive Review Board (WSESRB), Program Management Reviews, and other meetings. The Contractor shall review pertinent E³ documentation to assess its adequacy and currency. Additionally, the Contractor shall provide recommendations to eliminate deficiencies in the documents. All documentation shall be prepared in such a manner that is directly compatible with equipment and software being used at NSWCDD.

C.6.2 - The Contractor shall provide recommendations for the development of training materials, such as pocket pamphlets and training films/videos which promote awareness of E³. Additionally, the Contractor shall assist the Government in the development of proposed personnel qualification standards to establish proficiency requirements for Naval personnel. Further, the Contractor shall develop appropriate course curriculum and material for instructing Naval and Joint Forces personnel.

C.6.3 - The Contractor shall maintain and update NSWCDD HERO/EMC documentation and Electromagnetic Environment (EME) databases. Efforts under this task encompass the collection, processing, storage, and dissemination of data for the HERO/EMC documentation, EME databases, and TOMAHAWK/ATWCS Shipboard Configuration Database.

C.6.3.1 - Efforts for the above documentation databases include the inclusion of E³ technical report listings and synopses of report findings relating to the susceptibility of ordnance systems, at the full-up system, subsystem, and component level. Much of the data to be included in the databases will be provided as GFI. When unavailable, the Contractor shall interface with Government agencies, equipment manufacturers and NSWCDD's technical library to collect and verify data. The Contractor shall be responsible for the collection of data not available in NSWCDD's E³ files. Accomplishment of this effort shall require interfacing with various ordnance manufacturers, Government project offices and facilities, and NSWCDD's technical library. Support effort for the above E³ database includes the inclusion of data relating to the nomenclature, operational parameters, and characteristics of RF/Radar transmitting equipment and associated transmitting antennas (including antenna type and radiating characteristics) utilized by the military and other equipment used in the commercial and private sectors that may potentially present E³ concerns or threats. Additionally, the Contractor shall include environmental data specifying maximum field intensity and power density threat levels and safe separation distances to avert E³ problems for ordnance and electronics systems. In some cases data to be included in the E³ databases may be provided in a database format which may not be directly compatible with the existing databases. In these instances the Contractor shall be required to develop software necessary to machine load the non-compatible data directly into NSWCDD's existing database. Additionally, the support of this task shall require the development of algorithms and software programs necessary for the computation of predicted electromagnetic environmental levels and safe separation standoff distances.

C.6.4 - The Contractor shall perform E³ documentation and E³ database searches and provide data search reports to facilitate E³ investigations and analyses. The Contractor shall maintain, update, and revise OP 3565, the Navy's formal operations manual providing operational guidance to the Fleet for addressing HERO concerns, utilizing data contained in the above mentioned E³ database files. (CDRL A001)

C.6.4.1 - As part of the OP 3565 effort, the Contractor shall review and provide input to revisions of the document. The Contractor shall develop responses to Fleet requests to resolve HERO operational concerns or to amplify on the HERO related information in OP 3565. Finalized documentation for inclusion in OP 3565 shall be provided in camera ready format unless otherwise directed. (CDRL A001)

C.6.5 - The Contractor shall provide administrative/technical support to develop and update program schedules, coordinate test assignments, collect, collate, and disseminate program administrative/technical information relative to efforts supported under this contract. The Contractor shall provide documentation, typing, graphics, reproduction, and editorial support for the preparation of E³ documentation including test plans, reports, analyses, presentation materials, and meeting minutes. (CDRLs A002, A003, A004, and A005)

C.7 SURVEYS

C.7.1 - The Contractor shall perform E³ measurements to determine the EME for the flight, hangar, and weather decks of U.S. Naval vessels and shore facilities.

C.7.2 - The Contractor shall provide technical support in the area of EME surveys of surface ships, submarines, and facilities. The support will include the conduct of EME survey measurements to assess potential radio frequency hazards to ordnance, personnel, and/or fuel.

C.7.3 - The Contractor shall investigate RADHAZ and RF burn situations at shore facilities and aboard ships. The Contractor shall provide recommendations for, as well as perform, corrective action.

C.8 PLANS/REPORTS (CDRL A006)

C.8.1 - The Contractor shall develop a detailed E³ test plan prior to testing Naval and Joint electronic systems (e.g., Aircraft, Ground Support Equipment (GSE), Weapon Systems, Missiles, and Fire Control Systems). The purpose of this testing is to determine if the system under evaluation meets E³ design specifications and/or assess its ability to function in its operational electromagnetic environment from both a safety and reliability standpoint. During the conduct of these system tests, the system will be powered up (including aircraft engine turns) and exercised in the test environment.

C.8.1.1 - After each test, the Contractor shall deliver a summary report including the following: summary of activities, raw data collected, and rough drawings and sketches generated. (CDRL A007)

C.8.1.2 - Finally, the Contractor shall prepare a test report defining objectives, results, analysis, and recommendations for corrective actions and modifications necessary for weapons and weapon systems to comply with the performance requirements. (CDRL A008)

C.8.1.3 - Progress Report – The Contractor shall provide a written progress report each month detailing the work accomplished, special problems encountered, percent of work completed, and plans for the following month. The monthly report shall provide an overview from a total contract perspective. (CDRLs A009)

C.9 CONTRACTOR MANAGEMENT AND SUPERVISION

C.9.1 The Contractor shall provide sufficient on-site supervision to assure all personnel work instructions and schedules originate with the contractor rather than the government technical personnel. This supervision shall assure that the contractor's personnel are not assigned work instructions and schedules outside the statement of work. In addition to the statement of work, upcoming test schedules and other work activities will be posted on the division calendar available on-line.

C.10 TRAVEL REQUIREMENTS

C.10.1 Contractor Personnel may be required to travel to other sites to support program activities. It is estimated that travel to the following destinations will be required during each

year of performance over the life of the contract. Specific destinations, number of people, number of days, and number of trips will be identified as needed. (CDRL A010)

Projected Destinations:

Washington, DC
Patuxent River, MD
Norfolk, VA
Charleston, SC
Jacksonville, FL
Bath, ME
Philadelphia, PA
Groton, CT
Seattle, WA
San Diego, CA
San Francisco, CA
White Sands, NM
Pascagoula, MS
Hawaii
Japan
Other Continental US
Europe
Asia
Australia
Many Others

Ddl-C30 HAZARDOUS MATERIALS USED ON GOVERNMENT SITE

(a) This clause applies if hazardous materials are utilized at any time during the performance of work on a Government site under this contract. Hazardous materials are defined in Federal Standard No. 313 and include items such as chemicals, paint, thinners, cleaning fluids, alcohol, epoxy, flammable solvents, or asbestos.

(b) The contractor shall have an active Hazard Communication Program in place for all contractor employees per 29 C.F.R. 1910.1200. Before delivery of any hazardous materials onto Government property, the Contractor shall provide both the Contracting Officer and the Contracting Officer's Representative (COR) or Technical Point of Contact (TPOC) with an inventory and Material Safety Data Sheet (MSDS) for these materials.

Ddl-C40 INFORMATION SYSTEMS (IS) SECURITY AND ACCREDITATION

Contractor Provision of IS Resources

Except in special circumstances explicitly detailed elsewhere in this document, the Contractor shall provide all IS resources needed in the performance of this contract. IS resources include, but are not limited to, computers, software, networks, and addresses.

Contractor Use of NSWCDD IS Resources

In the event that the contractor is required to have access to NSWCDD IS resources, the login name (common id) and associated information shall be registered with the NSWCDD site issuing authority.

If this contract requires that the contractor be granted access and use of NSWCDD IS resources (at any site), the IS shall be accredited for contractor use in accordance with procedures specified by the IS Security Office. The accreditation shall include COR certification that the use and access is required by this contract.

Connections Between NSWCDD and Contractor Facilities

If there is a requirement (specifically delineated elsewhere in this contract) for interconnection between any facilities and/or ISs owned or operated by the contractor, such interconnection shall take place only after approval from the NSWCDD IS Security Office. All such connections as well as the ISs connected thereto will be accredited (operated at an acceptable risk) by the appropriate NSWCDD Designated Approving Authority (DAA) and comply with the requirements of DODDIR 5200.28 regarding Memorandums of Agreement. All such connections will be made outside the appropriate NSWCDD firewall.

Accreditation of Contractor-owned ISs

The Government reserves the right to have all contractor owned ISs used in the performance of this contract accredited by the cognizant DAA.

Use of Contractor Personnel to Perform IS Security Tasking

General – Personnel performing IS security related tasking must have successfully completed training and demonstrate proficiency in the following areas: Information System Security Awareness, Security Domains, Incident Handling, and Auditing Concepts.

Architecture Specific – Personnel assigned to perform IS security related tasking for a specific area must be trained and demonstrate proficiency in that area. Typical examples include, but are not limited to: networking, processing classified information, Internet Protocols, Unix, Novell, and Microsoft operating systems.

Replacement or New IS Security Personnel - The contractor shall provide evidence that new and replacement IS personnel, unless they are Key Personnel, meet the above requirements and forward such information to the COR for review and approval by the Information Systems Security Office. Failure to meet the requirements herein may result in rejection of the person or persons. Replacement of IS personnel designated as Key Personnel will be in accordance with the Key Personnel provision contained herein.

Ddl-C41 TERMINATION OF EMPLOYEES WITH NSWCDD BASE ACCESS

The contractor shall insure that all employees who have a NSWCDD badge and/or bumper sticker turn-in the badge and remove the bumper sticker immediately upon termination of their employment under this contract. The above requirement shall be made a part of the standard employee facility clearance procedures for all separated personnel. The contractor shall advise NSWCDD Physical Security of all changes in their contract personnel requiring NSWCDD base access.

For involuntarily separated personnel and those separated under adverse circumstances, the contractor shall notify NSWCDD Physical Security in advance of the date, time and location where the NSWCDD representative may physically remove the employee's automobile bumper sticker and retrieve the NSWCDD badge prior to the employee departing the contractor's facility. In the event the employee is separated in his or her absence, the contractor shall immediately notify NSWCDD Physical Security of the separation and make arrangements between the former employee and NSWCDD Physical Security for the return of the badge and removal of the sticker.

HQ C-2-0002 ACCESS TO PROPRIETARY DATA OR COMPUTER SOFTWARE (NAVSEA) (JUN 1994)

(a) Performance under this contract may require that the Contractor have access to technical data, computer software, or other sensitive data of another party who asserts that such data or software is proprietary. If access to such data or software is required or to be provided, the Contractor shall enter into a written agreement with such party prior to gaining access to such data or software. The agreement shall address, at a minimum, (1) access to, and use of, the proprietary data or software exclusively for the purposes of performance of the work required by this contract, and (2) safeguards to protect such data or software from unauthorized use or disclosure for so long as the data or software remains proprietary. In addition, the agreement shall not impose any limitation upon the Government or its employees with respect to such data or software. A copy of the executed agreement shall be provided to the Contracting Officer. The Government may unilaterally modify the contract to list those third parties with which the Contractor has agreement(s).

(b) The Contractor agrees to: (1) indoctrinate its personnel who will have access to the data or software as to the restrictions under which access is granted; (2) not disclose the data or software to another party or other Contractor personnel except as authorized by the Contracting Officer; (3) not engage in any other action, venture, or employment wherein this information will be used, other than under this contract, in any manner inconsistent with the spirit and intent of this

requirement; (4) not disclose the data or software to any other party, including, but not limited to, joint venturer, affiliate, successor, or assign of the Contractor; and (5) reproduce the restrictive stamp, marking, or legend on each use of the data or software whether in whole or in part.

(c) The restrictions on use and disclosure of the data and software described above also apply to such information received from the Government through any means to which the Contractor has access in the performance of this contract that contains proprietary or other restrictive markings.

(d) The Contractor agrees that it will promptly notify the Contracting Officer of any attempt by an individual, company, or Government representative not directly involved in the effort to be performed under this contract to gain access to such proprietary information. Such notification shall include the name and organization of the individual, company, or Government representative seeking access to such information.

(e) The Contractor shall include this requirement in subcontracts of any tier which involve access to information covered by paragraph (a), substituting "subcontractor" for "Contractor" where appropriate.

(f) Compliance with this requirement is a material requirement of this contract.

**HQ C-2-0011 COMPUTER SOFTWARE AND/OR COMPUTER DATABASE(S)
DELIVERED TO AND/OR RECEIVED FROM THE GOVERNMENT (NAVSEA) (NOV
1996)**

(a) The Contractor agrees to test for viruses all computer software and/or computer databases, as defined in the clause entitled "RIGHTS IN NONCOMMERCIAL COMPUTER SOFTWARE AND NONCOMMERCIAL COMPUTER SOFTWARE DOCUMENTATION" (DFARS 252.227-7014), before delivery of that computer software or computer database in whatever media and on whatever system the software is delivered. The Contractor warrants that any such computer software and/or computer database will be free of viruses when delivered.

(b) The Contractor agrees to test any computer software and/or computer database(s) received from the Government for viruses prior to use under this contract.

(c) Unless otherwise agreed in writing, any license agreement governing the use of any computer software to be delivered as a result of this contract must be paid-up and perpetual, or so nearly perpetual as to allow the use of the computer software or computer data base with the equipment for which it is obtained, or any replacement equipment, for so long as such equipment is used. Otherwise the computer software or computer data base does not meet the minimum functional requirements of this contract. In the event there is any routine to disable the computer software or computer data base in the future, that date certain shall not be less than 25 years after the delivery date of the computer software or computer database.

(d) No copy protection devices or systems shall be used in any computer software or computer database delivered under this contract to restrict or limit the Government from making copies. This

does not prohibit license agreements from specifying the maximum amount of copies that can be made.

(e) Delivery by the Contractor to the Government of certain technical data and other data is now frequently required in digital form rather than as hard copy. Such delivery may cause confusion between data rights and computer software rights. It is agreed that, to the extent that any such data is computer software by virtue of its delivery in digital form, the Government will be licensed to use that digital-form data with exactly the same rights and limitations as if the data had been delivered as hard copy.

(f) Any limited rights legends or other allowed legends placed by a Contractor on technical data or other data delivered in digital form shall be digitally included on the same media as the digital-form data and must be associated with the corresponding digital-form technical data to which the legends apply to the extent possible. Such legends shall also be placed in human-readable form on a visible surface of the media carrying the digital-form data as delivered, to the extent possible.

HQ C-2-0014 CONTRACTOR'S PROPOSAL (NAVSEA) (SEP 1990)

(a) Performance of this contract by the Contractor shall be conducted and performed in accordance with detailed obligations to which the Contractor committed itself in Proposal _____ dated _____ in response to NSWCDD Solicitation No. N00178-03-R-3060.

(b) The technical volume(s) of the Contractor's proposal is incorporated by reference and hereby made subject to the provisions of the "ORDER OF PRECEDENCE" (FAR 52.215-8) clause of this contract. Under the "ORDER OF PRECEDENCE" clause, the technical volume of the Contractor's proposal referenced herein is hereby designated as item (f) of the clause, following "the specification" in the order of precedence.

HQ C-2-0037 ORGANIZATIONAL CONFLICT OF INTEREST (NAVSEA) (JUL 2000)

(a) "Organizational Conflict of Interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the Government, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage. "Person" as used herein includes Corporations, Partnerships, Joint Ventures, and other business enterprises.

(b) The Contractor warrants that to the best of its knowledge and belief, and except as otherwise set forth in the contract, the Contractor does not have any organizational conflict of interest(s) as defined in paragraph (a).

(c) It is recognized that the effort to be performed by the Contractor under this contract may create a potential organizational conflict of interest on the instant contract or on a future acquisition. In order to avoid this potential conflict of interest, and at the same time to avoid prejudicing the best interest of the Government, the right of the Contractor to participate in future procurement of equipment and/or services that are the subject of any work under this contract shall be limited as described below in accordance with the requirements of FAR 9.5.

(d) (1) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information provided to the Contractor by the Government during or as a result of performance of this contract. Such information includes, but is not limited to, information submitted to the Government on a confidential basis by other persons. Further, the prohibition against release of Government provided information extends to cover such information whether or not in its original form, e.g., where the information has been included in Contractor generated work or where it is discernible from materials incorporating or based upon such information. This prohibition shall not expire after a given period of time.

(2) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information generated or derived during or as a result of performance of this contract. This prohibition shall expire after a period of three years after completion of performance of this contract.

(3) The prohibitions contained in subparagraphs (d)(1) and (d)(2) shall apply with equal force to any affiliate of the Contractor, any subcontractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may merge or affiliate, or any successor or assign of the Contractor. The terms of paragraph (f) of this Special Contract Requirement relating to notification shall apply to any release of information in contravention of this paragraph (d).

(e) The Contractor further agrees that, during the performance of this contract and for a period of three years after completion of performance of this contract, the Contractor, any affiliate of the Contractor, any subcontractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may subsequently merge or affiliate, or any other successor or assign of the Contractor, shall not furnish to the United States Government, either as a prime contractor or as a subcontractor, or as a consultant to a prime contractor or subcontractor, any system, component or services which is the subject of the work to be performed under this contract. This exclusion does not apply to any recompetition for those systems, components or services furnished pursuant to this contract. As provided in FAR 9.505-2, if the Government procures the system, component, or services on the basis of work statements growing out of the effort performed under this contract, from a source other than the contractor, subcontractor, affiliate, or assign of either, during the course of performance of this contract or before the three year period following completion of this contract has lapsed, the Contractor may, with the authorization of the cognizant Contracting Officer, participate in a subsequent procurement for the same system, component, or service. In other words, the Contractor may be authorized to compete for procurement(s) for systems, components or services subsequent to an intervening procurement.

(f) The Contractor agrees that, if after award, it discovers an actual or potential organizational conflict of interest, it shall make immediate and full disclosure in writing to the Contracting Officer. The notification shall include a description of the actual or potential organizational conflict of interest, a description of the action which the Contractor has taken or proposes to take to avoid, mitigate, or neutralize the conflict, and any other relevant information that would assist

the Contracting Officer in making a determination on this matter. Notwithstanding this notification, the Government may terminate the contract for the convenience of the Government if determined to be in the best interest of the Government.

(g) Notwithstanding paragraph (f) above, if the Contractor was aware, or should have been aware, of an organizational conflict of interest prior to the award of this contract or becomes, or should become, aware of an organizational conflict of interest after award of this contract and does not make an immediate and full disclosure in writing to the Contracting Officer, the Government may terminate this contract for default.

(h) If the Contractor takes any action prohibited by this requirement or fails to take action required by this requirement, the Government may terminate this contract for default.

(i) The Contracting Officer's decision as to the existence or nonexistence of an actual or potential organizational conflict of interest shall be final.

(j) Nothing in this requirement is intended to prohibit or preclude the Contractor from marketing or selling to the United States Government its product lines in existence on the effective date of this contract; nor, shall this requirement preclude the Contractor from participating in any research and development or delivering any design development model or prototype of any such equipment. Additionally, sale of catalog or standard commercial items are exempt from this requirement.

(k) The Contractor shall promptly notify the Contracting Officer, in writing, if it has been tasked to evaluate or advise the Government concerning its own products or activities or those of a competitor in order to ensure proper safeguards exist to guarantee objectivity and to protect the Government's interest.

(l) The Contractor shall include this requirement in subcontracts of any tier which involve access to information or situations/conditions covered by the preceding paragraphs, substituting "subcontractor" for "contractor" where appropriate.

(m) The rights and remedies described herein shall not be exclusive and are in addition to other rights and remedies provided by law or elsewhere included in this contract.

(n) Compliance with this requirement is a material requirement of this contract.

SECTION D - PACKAGING AND MARKING**CLAUSES INCORPORATED BY FULL TEXT****HQ D-1-0001 DATA PACKAGING LANGUAGE**

All unclassified data shall be prepared for shipment in accordance with best commercial practice.

Classified reports, data, and documentation shall be prepared for shipment in accordance with National Industrial Security Program Operating Manual (NISPOM), DOD 5220.22-M dated January 1995.

HQ D-2-0008 MARKING OF REPORTS (NAVSEA) (SEP 1990)

All reports delivered by the Contractor to the Government under this contract shall prominently show on the cover of the report:

- (1) name and business address of the Contractor
- (2) contract number
- (3) sponsor:

(Name of Individual Sponsor)

(Name of Requiring Activity)

(City and State)

SECTION E - INSPECTION AND ACCEPTANCE

INSPECTION AND ACCEPTANCE TERMS

Supplies/services for CLINS 0001 – 0010 will be inspected/accepted by the Government at Destination:

CLAUSES INCORPORATED BY REFERENCE:

52.246-5	Inspection Of Services Cost-Reimbursement	APR 1984
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SECTION F - DELIVERIES OR PERFORMANCE**DELIVERY INFORMATION**

CLINS	DELIVERY DATE	QUANTITY	FOB	SHIP TO ADDRESS
0001	POP 01-OCT-03 TO 30-SEP-04	Lot	Dest.	N00178 NAVAL SURFACE WARFARE CENTER, DAHLGREN SCOTT WIDMEYER / J50 17320 DAHLGREN ROAD DAHLGREN VA 22448-5100
0002	POP 01-OCT-03 TO 30-SEP-04	Lot		Same as CLIN 0001
0003	POP 01-OCT-04 TO 30-SEP-05	Lot		Same as CLIN 0001
0004	POP 01-OCT-04 TO 30-SEP-05	Lot		Same as CLIN 0001
0005	POP 01-OCT-05 TO 30-SEP-06	Lot		Same as CLIN 0001
0006	POP 01-OCT-05 TO 30-SEP-06	Lot		Same as CLIN 0001
0007	POP 01-OCT-06 TO 30-SEP-07	Lot		Same as CLIN 0001
0008	POP 01-OCT-06 TO 30-SEP-07	Lot		Same as CLIN 0001
0009	POP 01-OCT-07 TO 30-SEP-08	Lot		Same as CLIN 0001
0010	POP 01-OCT-07 TO 30-SEP-08	Lot		Same as CLIN 0001

CLAUSES INCORPORATED BY REFERENCE:

52.242-15	Stop-Work Order (Aug 1989) - Alternate I	APR 1984
52.247-34	F.O.B. Destination	NOV 1991
52.247-55	F.O.B. Point For Delivery Of Government-Furnished Property	APR 1984

CLAUSES INCORPORATED BY FULL TEXT**Ddl-F40 CONTRACTOR NOTICE REGARDING LATE DELIVERY**

In the event the contractor anticipates or encounters difficulty in complying with the contract delivery schedule or date, he/she shall immediately notify, in writing, the Contracting Officer and the cognizant Contract Administration Services Office, if assigned. The notice shall give the pertinent details; however such notice shall not be construed as a waiver by the Government of any contract delivery schedule, or of any rights or remedies provided by law or under this contract.

DURATION OF CONTRACT PERIOD

This contract shall become effective on the date of award, and, if all options are exercised, shall continue for five years.

SECTION G - CONTRACT ADMINISTRATION DATA**CLAUSES INCORPORATED BY FULL TEXT****Ddl-G1 PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING
CLASSIFICATION CITATIONS**

The payment office shall ensure that each payment under this contract is made in accordance with the accounting classification reference numbers (ACRNs) shown on each individual invoice. ACRNs are cited by the contractor on each invoice in accordance with clause 5252.232-9000, 5252.232-9001, or 5252.232-9003, as appropriate.

**Ddl-G10 GOVERNMENT CONTRACT ADMINISTRATION POINTS-OF-CONTACT
AND RESPONSIBILITIES****Procuring Contracting Officer (PCO):**

- (a) Name: [*]
Address: Code [*]
Dahlgren Division
Naval Surface Warfare Center
17320 Dahlgren Road
Dahlgren, Virginia 22448-5100
Phone: (540) 653- [*]; FAX: (540) 653- [*]
E-mail: [*]

(b) PCO responsibilities are outlined in FAR 1.602-2. The PCO is the only person authorized to approve changes in any of the requirements of this contract or orders issued thereunder and, notwithstanding provisions contained elsewhere in this contract, the said authority remains solely the PCO's. The contractor shall not comply with any order, direction or request of Government personnel unless it is issued in writing and signed by the Contracting Officer or is pursuant to specific authority otherwise included as part of this contract. In the event the contractor effects any change at the direction of any person other than the PCO, the change will be considered to be unauthorized.

Contract Specialist:

- (a) Name: [*]
Address: Code [*]
Dahlgren Division
Naval Surface Warfare Center
17320 Dahlgren Road
Dahlgren, Virginia 22448-5100
Phone: (540) 653- [*]; FAX: (540) 653- [*]
E-mail: [*]

(b) The Contract Specialist is the representative of the Contracting Officer for all contractual matters.

Administrative Contracting Officer (ACO)

(a) Name: [*]
Address: [*]
Phone: [*]

(b) The Administrative Contracting Officer (ACO) of the cognizant Defense Contract Management Agency (DCMA) is designated as the authorized representative of the Contracting Officer for purposes of administering this contract in accordance with FAR 42.3. However, in view of the technical nature of the supplies and services to be furnished, technical cognizance is retained by the Naval Surface Warfare Center, Dahlgren Division.

Contracting Officer's Representative (COR):

(a) Name: [*]
Address: Code [*]
Dahlgren Division
Naval Surface Warfare Center
17320 Dahlgren Road
Dahlgren, Virginia 22448-5100
Phone: (540) 653- [*]; FAX: (540) 653- [*]
E-mail: [*]

(b) The COR is the PCO's appointed representative for technical matters. The COR is not a contracting officer and does not have the authority to direct the accomplishment of effort which is beyond the scope of the contract or to otherwise change any contract requirements. An informational copy of the COR appointment letter which provides a delineation of COR authority and responsibilities is provided as an attachment to this contract.

Paying Office

(a) Name: [*]
Address: [*]
Phone: [*]

(b) The Paying Office makes all payments under the contract.

[*] TO BE COMPLETED AT CONTRACT AWARD

Ddl-G11 CONSENT TO SUBCONTRACT

The following subcontractors were evaluated during contract negotiations.

To be identified at contract award

This evaluation satisfies the requirements for advance notification or consent pursuant to 52.244-2.

Regardless of whether the Contractor has an approved purchasing system, consent to subcontract with any subcontractor other than those identified at contract award must be obtained from the Contracting Officer. The Contractor shall provide the information identified in FAR 52.244-2(f)(1) when consent to subcontract is requested.

Ddl-G12 POST-AWARD CONFERENCE

(a) A Post-Award Conference with the successful offeror will be conducted within 10 days after award of the contract. The conference will be held at the address below:

Location/Address: To be identified at contract award

(b) The contractor will be given 3 working days notice prior to the date of the conference by the Contracting Officer.

(c) The requirement for a post-award conference shall in no event constitute grounds for excusable delay by the Contractor in performance of any provisions in the contract.

Ddl-G40 PAYMENT, SELECTED ITEMS OF COST REIMBURSEMENT CONTRACTS

(a) Travel Costs (Including Foreign Travel)

(1) Air: The contractor shall, to the maximum extent practicable, minimize overall travel costs by taking advantage of discounted airfare rates available through advance purchase. Charges associated with itinerary changes and cancellation under nonrefundable airline tickets are reimbursable as long as the changes are driven by the work requirement.

(2) Non-reimbursable Travel: The following travel shall not be reimbursed hereunder: travel performed for personal convenience, daily travel to and from work at the contractor's facility (i.e., designated work site) or to and from NSWCDD when NSWCDD is the designated work site.

(b) Training

The Government will not allow costs, nor reimburse costs associated with the contractor training employees in an effort to attain and/or maintain minimum personnel qualification requirements

of this contract. Other training may be approved on a case-by-case basis by the COR. Attendance at workshops or symposiums is considered training for purposes of this clause.

(c) General Purpose Office Equipment (GPOE) and Information Technology (IT)

The cost of acquisition of GPOE and IT shall not be allowable as direct charges to this contract. The contractor is expected to have the necessary facilities to perform the requirements of this contract, including any necessary GPOE and IT. GPOE means equipment normally found in a business office such as desks, chairs, typewriters, calculators, file cabinets, etc. IT means any equipment or interconnected system or subsystem of equipment that is used in the automatic acquisition, storage, manipulation, movement, control, display, switching, interchange, transmission, or reception of data or information. IT includes computers, ancillary equipment, software, firmware and similar products, services (including support services), and related resources.

Ddl-G41 PAYMENT OF FIXED FEE (COST PLUS FIXED FEE)

(a) Subject to the withholding provisions of this clause, and any other adjustments required by other contract clauses, the fixed fee shall be paid in installments.

(b) The amount of each fee installment shall be billed at [*]% of allowable costs. This percentage reflects the ratio of total contract fixed fee to total contract estimated cost.

(c) In accordance with FAR 52.216-8 FIXED FEE in Section I of this contract, the Contracting Officer has established a withholding of 15% of funded fixed fee, not to exceed \$100,000. The contractor's provisional payment vouchers may invoice fee at the percentage cited in paragraph (b) above, up to 85% of the funded fixed fee.

[*] TO BE SPECIFIED AT CONTRACT AWARD

5252.232-9001 SUBMISSION OF INVOICES (COST-REIMBURSEMENT, TIME-AND-MATERIALS, LABOR-HOUR, OR FIXED PRICE INCENTIVE) (JUL 1992)

(a) "Invoice" as used in this clause includes contractor requests for interim payments using public vouchers (SF 1034) but does not include contractor requests for progress payments under fixed price incentive contracts.

(b)(i) In accordance with DFARS 242.803(b)(i)(c), the cognizant Defense Contract Audit Agency (DCAA) auditor has authorized the contractor to submit interim invoices directly to paying offices. This authorization does not extend to the first and final invoices, which shall be submitted to the contract auditor at the following address:

TO BE IDENTIFIED AT CONTRACT AWARD

A copy of every invoice shall also be provided to the individual listed below, at the address shown (if completed by the contracting officer):

Contracting Officer's Representative
Contract Specialist

In addition, a copy of the final invoice shall be provided to the Administrative Contracting Officer (ACO).

(ii) Upon written notification to the contractor, DCAA may rescind its authorization for the contractor to submit interim invoices directly to the paying offices. Upon receipt of such written notice the contractor shall immediately begin to submit all invoices to the contract auditor at the above address.

(iii) Notwithstanding (i) and (ii), when delivery orders are applicable, invoices shall be segregated by individual order and submitted to the address(es) specified in the order.

(c) Invoices requesting interim payments shall be submitted no more than once every two weeks, unless another time period is specified in the Payments clause of this contract. For indefinite delivery type contracts, interim payment invoices shall be submitted no more than once every two weeks for each delivery order. There shall be a lapse of no more than calendar days between performance and submission of an interim payment invoice..

(d) In addition to the information identified in the Prompt Payment clause herein, each invoice shall contain the following information, as applicable:

- (1) Contract line item number (CLIN)
- (2) Subline item number (SLIN)
- (3) Accounting Classification Reference Number (ACRN)
- (4) Payment terms
- (5) Procuring activity
- (6) Date supplies provided or services performed
- (7) Costs incurred and allowable under the contract
- (8) Vessel (e.g., ship, submarine or other craft) or system for which supply/service is provided

(e) A DD Form 250, "Material Inspection and Receiving Report",

_____ is required with each invoice submittal.

_____ is required only with the final invoice.

 X is not required.

(f) A Certificate of Performance

_____ shall be provided with each invoice submittal.

 X is not required.

(g) The Contractor's final invoice shall be identified as such, and shall list all other invoices (if any) previously tendered under this contract.

(h) Costs of performance shall be segregated, accumulated and invoiced to the appropriate ACRN categories to the extent possible. When such segregation of costs by ACRN is not possible for invoices submitted with CLINS/SLINS with more than one ACRN, an allocation ratio shall be established in the same ratio as the obligations cited in the accounting data so that

costs are allocated on a proportional basis.

(i) When a vendor invoice for a foreign currency is provided as supporting documentation, the Contractor shall identify the foreign currency and indicate on the vendor invoice the rate of exchange on the date of payment by the Contractor. The Contractor shall also attach a copy of the bank draft or other suitable documents showing the rate of exchange. The contractor shall provide an English translation if the vendor invoice is written in a foreign language.

SECTION - H SPECIAL CONTRACT REQUIREMENTS

CLAUSES INCORPORATED BY FULL TEXT

MANDATORY REQUIREMENTS

(1) **Workforce Location** - A minimum of 90% of all personnel who are to be direct charged to this contract must be located within one hour driving time of NSWCDD, Dahlgren, VA. The contractor's primary facility supporting this acquisition is to be located such that the contractor can respond to a requirement and have his personnel at NSWCDD, Dahlgren, VA within 60 minutes by surface transportation.

(2) **Facility Security Clearance** - The contractor's primary facility supporting this acquisition must have a facility clearance of SECRET level.

(3) **Key Personnel Security Clearance** - Proposed key personnel must have a security clearance of SECRET or higher upon award of the proposed contract.

(4) National Association of Radio & Telecommunications Engineers

(NARTE)/Electromagnetic Compatibility (EMC) - The following proposed key personnel must be NARTE EMC certified upon award of the proposed contract. Senior Engineer, Hazards of Electromagnetic Radiation to Ordnance (HERO) four (4) individuals; Senior Engineer, Electromagnetic Vulnerability (EMV), two (2) individuals; Senior Engineer TOMAHAWK WEAPON SYSTEM Electromagnetic Compatibility (EMC) two (2) individuals; Senior Engineer, JOINT ORDNANCE E³ One (1) individual; Senior E³ Technician, five (5) individuals.

(5) **Personal Computers/Software/Electronic Communication** - The contractor shall have personal computers and software that will allow ready transfer of information between the contractor and the Government. Hardware required would include, but is not limited to: IBM compatible personal computers, POWERMACs, SGI workstations, Laser Printers, Color Printers, Color Scanners, Ink Jet Plotters (E size), Color Copier. Software required would include, but is not limited to, the current version/upgrade of: Windows 2000, MS Office 2000, Corel WordPerfect Suite 10, MS Project 2000, Corel Draw 10, Stanford Graphics, MacOS, Canvas 8, Photoshop 6, C, C++, UNIX, FORTRAN, Pascal, Ada, CMS-2 (Assembly and HL), SimDraw, ModSim, MATLAB, MATLAB Mapping Toolbox, Open Inventor (SGI), IMSL mathematics and statistics libraries.

Ddl-H10 EMPLOYMENT OF US GOVERNMENT PERSONNEL RESTRICTED

In performing this contract, the Contractor shall not use as a consultant or employ (on either a full or part time basis) any active duty U.S. Government personnel (civilian or military) without the prior written approval of the Contracting Officer. Such approval may be given only in circumstances where it is clear that no laws and no DoD or U.S. Government instructions, regulations, or policies might possibly be contravened and no appearance of a conflict of interest will result.

Ddl-H11 CHANGES IN KEY PERSONNEL

(a) The Contractor agrees that a partial basis for award of this contract is the list of key personnel proposed. Accordingly, the Contractor agrees to assign to this contract those key persons whose resumes were submitted with the proposal necessary to fulfill the requirements of the contract. No substitution shall be made without prior notification to and concurrence of the Contracting Officer in accordance with this requirement.

(b) The contractor agrees that during the first 120 days of the period of performance no key personnel substitutions will be permitted unless such substitutions are necessitated by an individual's sudden illness, death, or termination of employment. All proposed substitutions shall have qualifications equal to or higher than the qualifications of the person to be replaced. The Contracting Officer shall be notified in writing of any proposed substitution at least fifteen (15) days, or thirty (30) days if a security clearance is to be obtained, in advance of the proposed substitution. Such notification shall include:

- (1) An explanation of the circumstances necessitating the substitution;
- (2) A complete resume of the proposed substitute;
- (3) The hourly rates of the incumbent and the proposed substitute; and
- (4) Any other information requested by the Contracting Officer to enable him/her to judge whether or not the Contractor is maintaining the same high quality of personnel that provided the partial basis for award.

(c) In the event a requirement to increase the specified level of effort for a designated labor category, but not the overall level of effort of the contract, occurs, the Contractor shall submit to the Contracting Officer a written request for approval to add personnel to the designated labor category. The same information as specified in paragraph (b) above is to be submitted with the request.

(d) The Contracting Officer shall evaluate requests for changes in personnel and promptly notify the Contractor, in writing, whether the request is approved or disapproved.

Ddl-H12 KEY PERSONNEL – POST AWARD ADMINISTRATION

Upon contract award, the desired qualifications as stated herein, will become minimum qualifications for any growth in Key Personnel categories beyond those individuals originally proposed. Resumes (in the format provided in the clause RESUME FORMAT AND CONTENT REQUIREMENTS) shall be submitted to the Contracting Officer, and approved, prior to the individual being allowed to charge to the contract.

Ddl-H13 POST AWARD CONTRACTOR PERSONNEL APPROVAL

Requests for post award approval of additional and/or replacement key and non-key personnel may be submitted via e-mail. E-mail submissions shall be made simultaneously to the Contract Specialist [*] and the Contracting Officer's Representative (COR) [*]. Electronic notification via

e-mail from the Contract Specialist will serve as written approval/disapproval on behalf of the Contracting Officer.

*** TO BE IDENTIFIED IN THE CONTRACT ADMINISTRATION PLAN**

Ddl-H14 KEY PERSONNEL – DESIRED QUALIFICATIONS

The following paragraphs describe the desired Professional Development and experience qualification levels for each of the Key Personnel categories.

Definitions

(a) Professional Development

The offeror, through submitted resumes, shall document the key person's level of professional development including, honors, degrees, publications, professional licenses and certifications and similar evidence of professional accomplishments that directly impacts the offerors ability to perform the contract. Examples of professional development include, but are not limited to, degrees and hours in Engineering, Computers and the Physical Sciences and Military School Training. The qualifications of the personnel provided will also be considered evidence of the offerors technical understanding of the works requirement.

(b) General Experience - General experience includes work experience in engineering, computer science, mathematics, physical science, or another field appropriate to the labor category employing skills that apply to the accomplishment of the technical objectives of the Statement of Work. General experience may not necessarily meet the definition of specialized experience but may be considered in mitigating risk for an individual lacking the desired specialized experience.

(c) Specialized Experience - Specialized experience is related directly to tasks and programs listed in statement of work.

(1) Program Manager - 5 years in managing a complex Navy/DOD/Joint E³ program.

(2) Senior Engineer - Hazards of Electromagnetic Radiation to Ordnance (HERO) – The desired qualifications for persons proposed in the Senior Engineer – HERO category are as follows. Five (5) Full Time Employees (FTEs) of effort are required. Three (3) years specialized experience desired. The individuals should demonstrate experience in the areas of HERO, Electromagnetic Interference (EMI), and Electromagnetic Compatibility (EMC). The individuals should demonstrate knowledge and the application of military standards and specifications which include MIL-STD-464 Interface Standard, OP 3565, NAVSEA OD 30393, and other specifications relating to HERO. The individuals should demonstrate engineering/analytical experience in the understanding, operation, and evaluation of Naval and Joint weapon systems. The individuals should demonstrate the ability to prepare technical documents, which include test plans/reports and analytical evaluation of weapon systems. The

individuals should demonstrate the ability to conduct HERO evaluations, perform engineering analyses to predict and define HERO problems, define/design corrective measures, and demonstrate the knowledge of HERO instrumentation techniques. The individuals should demonstrate the ability to update/maintain HERO documentation to be included in the HERO databases and OP 3565.

(3) Senior Engineer – Radiation Hazards (RADHAZ) SURVEY – The desired qualifications for persons proposed in the Senior Engineer – RADHAZ SURVEY category are as follows. Three (3) FTEs of effort are required. Three (3) years specialized experience desired. The individuals should demonstrate experience in leading a team of HERO Survey engineers and technicians, plus should possess a working knowledge of Electromagnetic Effects as it specifically relates to HERO, Hazards of Electromagnetic Radiation to Personnel (HERP), and Hazards of Electromagnetic Radiation to Fuel (HERF). Previous experience should include, as evidenced in the resume, an understanding of ordnance handling and loading procedures, shipboard and aircraft operations, radiated field and power density measurement equipment, and shipboard communication and radar equipment. The individuals should demonstrate the ability to prepare technical documents, which should include test plans and reports.

(4) Senior Engineer – Electromagnetic Vulnerability (EMV) – The desired qualifications for persons proposed in the Senior Engineer – EMV category are as follows. Two (2) FTEs of effort are required. Three (3) years specialized experience desired. The individuals should demonstrate experience in the areas of E^3 , which should include EMV, EMI, and EMC. The individuals should demonstrate knowledge and the application of military standards and specifications, which include MIL-HDBK-235, MIL-STD-461E Interface Standard, and other specifications/documents relating to the design of weapon systems, aircraft avionics, ground support equipment, and shipboard systems. The individuals should demonstrate engineering/analytical experience with the understanding, operation, and evaluation of Naval and Joint weapon systems, aircraft systems, or shipboard systems. The individuals should demonstrate the ability to prepare technical documents including test plans/reports and analytical evaluations of weapon, aircraft, or shipboard systems. The individuals should demonstrate the ability to conduct E^3 evaluations, perform engineering analyses to predict and define E^3 problems and define/design corrective measures.

(5) Senior Engineer – TOMAHAWK WEAPON SYSTEM (TWS) EMC - The desired qualifications for persons proposed in the Senior Engineer – TOMAHAWK Weapon System EMC are as follows. Two (2) FTEs of effort are required. Three (3) years specialized experience desired. The individuals should demonstrate EMC experience as it relates to the TWS program. EMC in this effort is defined as EMI, EMV, HERO, HERF, Electromagnetic Pulse (EMP), Electrostatic Discharge (ESD), Direct Current (DC) Magnetics, and Power Quality. This knowledge should cover the following TWS program subsystems: Block I through IV missiles, TOMAHAWK Weapon Control System and the Advanced TOMAHAWK Weapon Control System. Experience should include conducting various EMC tests; including test planning, test plan and report generation, test setup, and test asset instrumentation. The individuals should be familiar with shipboard operations and protocol.

(6) Senior Engineer – MODE STIRRED CHAMBER (MSC) E³ – The desired qualifications for persons proposed in the Senior Engineer – MSC E³ are as follows. One (1) Fulltime Employee (FTE) of effort is required. The individual(s) should demonstrate a technical understanding of MSC theory of operation, statistical analysis, EMI/EMV assessment of various military/commercial ordnance and electronic equipment.

(7) Senior Engineer – E³ MODELING AND SIMULATION – The desired qualifications for persons proposed in the Senior Engineer E³ Modeling and Simulation category are as follows. One (1) FTE of effort is required. Three (3) years specialized experience desired. The individual(s) should demonstrate a technical understanding of complex electromagnetic environments for land-based as well as shipboard communication and radar transmitters. The individual(s) must be capable of developing algorithms to predict/approximate near-field and far-field environments utilizing computer programs such as MATHCAD, C++, MS EXCEL, etc.

(8) Senior Engineer – JOINT ORDNANCE E³ – The desired qualifications for persons proposed in the Senior Engineer – Joint Ordnance E³ category are as follows. One (1) FTE of effort is required. Three (3) years specialized experience desired. The individual(s) should demonstrate technical, engineering, and programmatic support for ordnance and platforms as it relates to Joint-Service Ordnance E³. This E³ experience should include: EMV, HERO, EMI, EMP, ESD, and lightning as they apply to Joint systems. The individual(s) should demonstrate experience in the development of emission control (EMCON) procedures for Joint exercises and operations, and the conduct of Joint ordnance and platform E³ test and evaluation. The individual(s) should demonstrate experience in ensuring Specifications and Standards adequately address E³ for various types of ordnance systems. The individual(s) should demonstrate experience in the development of E³ program plans and providing EMC services in support of ground vehicles, ship, and aircraft testing.

(9) Senior Engineer – INTERNATIONAL E³ – The desired qualifications for persons proposed in the Senior Engineer – International E³ are as follows. One (1) FTE of effort is required. Three (3) years specialized experience desired. The individual(s) should demonstrate experience in providing engineering, technical, and programmatic support for EMC issues at the international level. This will primarily involve EMC issues concerning the North Atlantic Treaty Organization (NATO), but includes many other international organizations with which the United States has agreements. In addition, the individual should demonstrate experience in EMC/E³ disciplines, including HERO, HERP, HERF, EMI, ESD, and Lightning as they apply to international programs.

(10) Senior Engineer – E³ INSTRUMENTATION – The desired qualifications for persons proposed in the Senior Engineer – E³ Instrumentation are as follows. One (1) FTE of effort is required. Three (3) years specialized experience desired. The individual(s) should demonstrate experience in the design of instrumentation to support E³ tests. These include weapon system tests for aircraft, shipboard, and EMV free-flight tests. The individual(s) should have a thorough working knowledge of fiber optic design, weapon system power subsystems, telemetry systems, to include Frequency Modulated(FM)/FM, Pulse Amplitude Modulation (PAM) and Pulse Coded Modulation (PCM), and high-speed data reduction techniques. The individual(s) should demonstrate the ability to design/fabricate both digital and analog interface

circuitry. The individual(s) should demonstrate the ability to prepare supporting documents in the form of reports and drawings.

(11) Senior Engineer – E³ PROGRAMMER/ANALYST – The desired qualifications for persons proposed in the Senior Engineer – E³ Programmer/Analyst are as follows. One (1) FTE of effort is required. Three (3) years specialized experience desired. The individual(s) should demonstrate experience in the area of data base development and maintenance using Micro Soft (MS) Access and Micro Soft (MS) Visual Basic. The individual(s) should demonstrate software engineering/development experience with modeling of mathematical equations such as those used in HERO/EMI/EMC disciplines.

(12) Engineer – E³ – The desired qualifications for persons proposed in the Engineer – E³ category are as follows. One (1) FTE of effort is required. Two (2) years specialized experience desired. The individual(s) should demonstrate E³ experience as it relates to the evaluation of military and commercial ordnance and electronic systems. E³ in this effort is defined as HERO, HERF, HERP, EMI, EMC, and EMP.

(13) Engineer – General – The desired qualifications for persons proposed in the Engineer – General category are as follows. Six (6) FTEs of effort are required. Two (2) years specialized experience desired. The individuals should demonstrate E³ experience with specific emphasis on conducting EMI/EMC test on shipboard equipments/systems. The individuals should demonstrate the ability to prepare technical documents, which shall include test plans and reports.

(14) Specialist – RADHAZ SURVEY – The desired qualifications for Specialist – RADHAZ Survey are as follows. Three (3) FTEs of effort are required. Three (3) years specialized experience desired. The individuals should possess a working knowledge of Electromagnetic Effects as it specifically relates to the HERO, HERP, and HERF. Previous experience should include, as evidenced in the resume, ordnance handling and loading, radiated field and power density measurement equipment, and shipboard communication and radar equipment. The individuals should demonstrate the ability to prepare technical documents, which shall include test plans and reports.

(15) Specialist – TOMAHAWK EMC – The desired qualifications for Specialist – TOMAHAWK EMC are as follows. One (1) FTE of effort is required. Three (3) years specialized experience desired. The individual(s) should possess E³ programmatic support experience in the TOMAHAWK Weapon System Program. This experience should include: the generation of meeting minutes, meeting announcements, program schedules, action item lists, and the tracking of those action items; familiarity with appropriate military and commercial EMC standards and specifications as they apply to a program level specification hierarchy, hands on experience in various EMC tests, and familiarity with shipboard operations and protocol.

(16) Senior E³ Technician - The desired qualifications for Senior E³ Technician are as follows: Five (5) FTEs of effort are required. Three (3) years specialized experience desired. The individual(s) should possess experience in the operation and maintenance of high power Radio Frequency (RF) transmitters which shall include Traveling Wave Tubes (TWTs) and

magnetrons, the ability to work with high voltage equipment, the ability to perform RF measurements using power meters, spectrum analyzers, etc, and the ability to define and develop instrumentation for weapon systems HERO tests. The individual(s) should demonstrate knowledge of fiber optic techniques for data transfer.

Ddl-H15 NON-KEY PERSONNEL – MINIMUM QUALIFICATIONS

The contractor shall provide Non-Key Personnel who meet or exceed the minimum qualifications provided below by labor category. All Non-Key resumes must be approved by the Contract Specialist and Contracting Officer's Representative (COR) prior to the person being direct charged to the contract.

Technician – Eight manyears of effort are required. An Associate's Degree in an appropriate discipline, or technical/vocational/military training, or a high school diploma plus two (2) years job related experience.

Tech Writer/Editor – Four manyears of effort are required. A Bachelor's Degree in English or Journalism, or vocational/technical training beyond high school, plus three (3) years of job related experience.

Illustrator – One manyear of effort is required. Vocational/technical training beyond high school plus five (5) years of job related experience.

Data Technician – Five manyears of effort are required. High School Diploma with an Associate's Degree in appropriate discipline, or vocational/technical training beyond high school, plus one (1) year of job related experience.

Typist – Three manyears of effort are required. Vocational/technical training beyond high school, plus three (3) years of job related experience.

Ddl-H16 RESUME FORMAT AND CONTENT REQUIREMENTS

All resumes submitted under this contract shall be provided in the following format.

- (a) COMPLETE NAME
- (b) CONTRACT LABOR CATEGORY
- (c) CONTRACTOR'S LABOR CATEGORY
- (d) CURRENT EMPLOYER
- (e) AVAILABILITY (state as a percentage of a total manyear. Note whether individual is proposed or is working as a key person on another requirement and, if so, provide explanation as to how both requirements will be satisfied).
- (f) LEVEL OF SECURITY CLEARANCE
- (g) CURRENT WORK LOCATION

(h) **PLANNED WORK LOCATION** (If the planned work location is other than the offeror's primary location supporting this effort, the nature of the proposed individual's planned contribution shall be discussed.)

(i) **WORK EXPERIENCE** -- Show experience and dates as follows:

Name of Employer; 6 years 4 mos.; 10/91 - 2/98; Position Title

Work experience shall be presented in separate paragraphs, clearly marked with proper category of experience (Qualifying Experience; Non-Relevant Experience -- If relevant and non-relevant experience was obtained while at the same employer, separate time periods shall be noted for each assignment.) All qualifying experience shall be presented in a level of detail that will permit the evaluator to make a clear connection between the experience and the stated qualifications for the labor category. Specific examples of work assignments, accomplishments, and products shall be provided. Phrases such as "assisted with", "participated in", or "supported" are unacceptable except as introductory to a detailed description of the actual work performed. In addition, the resume for the Project Manager shall list previous contracts or tasks under which he/she had technical and management responsibility including contract number and customer point of contact.

All military experience claimed shall be described such that each tour is treated as a separate employer. Time frames/titles/ responsibilities shall be provided at the level of detail proscribed by above. Military experience not documented in this manner may not be considered.

Contractors shall avoid gaps in experience as time unaccounted for may lead to confusion and need for clarification.

The cut-off date for any experience claimed shall be the date the resume is certified (see paragraph (k) below).

(j) **PROFESSIONAL DEVELOPMENT** -- Show all military and post-secondary education, training and professional development which relates to the qualifications necessary to perform the Statement of Work tasks. Show this information in the same format required for "Work Experience" above.

(k) **CERTIFICATION** -- A certification of correctness of information signed and dated by both the person named and the contractor. The employee certification shall include the following statement: **CERTIFICATION:** "I certify that the education and experience described herein is complete and accurate in all respects. I consent to the disclosure of my resume for NSWCD Solicitation/Contract N00178-03-R-3060 by _____ (Company name) and intend to make myself available to work under the contract to the extent proposed."

Employee Signature and Date

Contractor Signature and Date

Resumes without this certification will be unacceptable and will not be considered. The employee and contractor certifications shall not be dated earlier than the issue date of this solicitation or effective date of contract, as appropriate.

If the employee is not a current employee of the contractor (or a subcontractor), a copy of the accepted offer letter (which identifies a projected start date and the agreed to annual salary) shall be provided.

Ddl-H40 FUNDING PROFILE

It is estimated that these incremental funds will provide for [*] The following details funding to date:

Total Estimated Cost Plus Fixed Fee CLIN 0001	Previous Funding	Funds This Action	Total Funds Available	Balance Unfunded

[*] IF LOE ENTER THE NUMBER OF HOURS

[*] TO BE SPECIFIED AT CONTRACT AWARD

Ddl-H43 REQUIRED INSURANCE

(a) The following types of insurance are required in accordance with the clause entitled "INSURANCE - LIABILITY TO THIRD PERSONS" and shall be maintained in the minimum amounts shown:

(1) Comprehensive General Liability: \$100,000 per person and \$500,000 per accident for bodily injury. No property damage general liability insurance is required.

(2) Automobile Insurance: \$200,000 per person and \$500,000 per accident for bodily injury and \$20,000 per accident for property damage. Comprehensive form of policy is required.

(3) Standard Workmen's Compensation and Employer's Liability Insurance (or, where maritime employment is involved, Longshoremen's and Harbor Worker's Compensation Insurance) in the minimum amount of \$100,000.

(b) The policies for such insurance shall contain an endorsement that cancellation or material change in the policies, adversely affecting the interest of the Government in such insurance, shall not be effective unless the Contracting Officer approves such cancellation or change. When the coverage is provided by self-insurance, prior approval of the Administrative Contracting Officer is required for any change or decrease in coverage.

Ddl-H50 NOTICE OF INCORPORATION OF SECTION K

Section K of the solicitation (Representation, Certifications and Other Statements of Offerors) will not be distributed with the contract; however, it is incorporated in and forms a part of the resultant contract as though furnished in full text therewith.

SEA 5252.216-9122 LEVEL OF EFFORT (DEC 2000)

(a) The Contractor agrees to provide the total level of effort specified in the chart below in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be **(to be inserted at contract award)** total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort.

LEVEL OF EFFORT (Manhours)

LABOR CATEGORY	FY 03 BASE PERIOD 10/01/03 – 09/30/04	FY 04 OPTION #1 10/01/04 – 09/30/05	FY 05 OPTION #2 10/01/05 – 09/30/06	FY 06 OPTION #3 10/01/06 – 09/30/07	FY 07 OPTION #4 10/01/07 – 09/30/08	TOTAL
Program Manager						
Sr Engineer – HERO						
Sr Engineer – RADHAZ Survey						
Sr Engineer – EMV						
Sr. Engineer – TWS EMC						
Sr. Engineer – MSC E ³						
Sr. Engineer - E ³ Modeling and Simulation						
Sr. Engineer – Joint Ordnance E ³						
Sr. Engineer – International E ³						
Sr. Engineer - E ³ Instrumentation						
Sr. Engineer - E ³ Programmer/ Analyst						
Engineer - E ³						
Engineer						
Specialist - RADHAZ Survey						
Specialist – TOMAHAWK EMC						
Senior E ³ Technician						
Technician						
Tech Writer/Editor						
Illustrator						
Data Technician						
Typist						
Labor Total (Man Years)						

NOTE: SEE SECTION L FOR THE GOVERNMENT'S ESTIMATED LEVEL OF EFFORT

(b) Of the total man-hours of direct labor set forth above, it is estimated that _____
(Offeror to fill-in) man-hours are uncompensated effort.

Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work. All other effort is defined as compensated effort. If no effort is indicated in the first sentence of this paragraph, uncompensated effort performed by the Contractor shall not be counted in fulfillment of the level of effort obligations under this contract.

(c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in direct support of this contract and shall not include time and effort expended on such things as (local travel to and from an employee's usual work location), uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations (except as provided in paragraph (j) below), or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.

(d) The level of effort for this contract shall be expended at an average rate of approximately _____ hours per week. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.

(e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man-hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

(f) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man-hours of effort specified in paragraph (a) above would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within five days of receipt.

(g) If the total level of effort specified in paragraph (a) above is not provided by the Contractor during the period of this contract, the Contracting Officer, at its sole discretion, shall either (i) reduce the fee of this contract as follows:

$$\text{Fee Reduction} = \text{Fee} \frac{(\text{Required LOE} - \text{Expended LOE})}{\text{Required LOE}}$$

or (ii) subject to the provisions of the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable, require the Contractor to continue to perform the work until the total number of man-hours of direct labor specified in paragraph (a) above shall have been expended, at no increase in the fee of this contract.

(h) The Contractor shall provide and maintain an accounting system, acceptable to the Administrative Contracting Officer and the Defense Contract Audit Agency (DCAA), which collects costs incurred and effort (compensated and uncompensated, if any) provided in fulfillment of the level of effort obligations of this contract. The Contractor shall indicate on each invoice the total level of effort claimed during the period covered by the invoice, separately identifying compensated effort and uncompensated effort, if any.

(i) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the DCAA office to which vouchers are submitted: (1) the total number of man-hours of direct labor expended during the applicable period; (2) a breakdown of this total showing the number of man-hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the period. Within 45 days after completion of the work under the contract, the Contractor shall submit, in addition, in the case of a cost underrun; (5) the amount by which the estimated cost of this contract may be reduced to recover excess funds and, in the case of an underrun in hours specified as the total level of effort; and (6) a calculation of the appropriate fee reduction in accordance with this clause. All submissions shall include subcontractor information.

(j) Unless the Contracting Officer determines that alternative worksite arrangements are detrimental to contract performance, the Contractor may perform up to 10% of the hours at an alternative worksite, provided the Contractor has a company-approved alternative worksite plan. The primary worksite is the traditional "main office" worksite. An alternative worksite means an employee's residence or a telecommuting center. A telecommuting center is a geographically convenient office setting as an alternative to an employee's main office. The Government reserves the right to review the Contractor's alternative worksite plan. In the event performance becomes unacceptable, the Contractor will be prohibited from counting the hours performed at the alternative worksite in fulfilling the total level of effort obligations of the contract. Regardless of the work location, all contract terms and conditions, including security requirements and labor laws, remain in effect. The Government shall not incur any additional cost nor provide additional equipment for contract performance as a result of the Contractor's election to implement an alternative worksite plan.

(k) Notwithstanding any of the provisions in the above paragraphs, the Contractor may furnish man-hours up to five percent in excess of the total man-hours specified in paragraph (a) above, provided that the additional effort is furnished within the term hereof, and provided further that no increase in the estimated cost or fee is required.

SEA 5252.232-9104 ALLOTMENT OF FUNDS (MAY 1993)

(a) This contract is incrementally funded with respect to both cost and fee. The amount(s) presently available and allotted to this contract for payment of fee for incrementally funded contract line item number/contract subline item number (CLIN/SLIN), subject to the clause entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE" (FAR 52.216-10), as appropriate, is specified below. The amount(s) presently available and allotted to this contract for payment of cost for incrementally funded CLINs/SLINs is set forth below. As provided in the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232-22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

ITEM(S)	ALLOTTED TO COST	ALLOTTED TO FEE	ESTIMATED PERIOD OF PERFORMANCE

(b) The parties contemplate that the Government will allot additional amounts to this contract from time to time for the incrementally funded CLINs/SLINs by unilateral contract modification, and any such modification shall state separately the amount(s) allotted for cost, the amount(s) allotted for fee, the CLINs/SLINs covered thereby, and the period of performance which the amount(s) are expected to cover.

(c) CLINs/SLINs _ are fully funded and performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable.

(d) The Contractor shall segregate costs for the performance of incrementally funded CLINs/SLINs from the costs of performance of fully funded CLINs/SLINs.

SEA 5252.242-9115 TECHNICAL INSTRUCTIONS (APR 1999)

(a) Performance of the work hereunder shall be subject to written technical instructions signed by the Contracting Officer. As used herein, technical instructions are defined to include the following:

- (1) Directions to the Contractor which suggest pursuit of certain lines of inquiry, shift work emphasis, fill in details or otherwise serve to accomplish the contractual statement of work.
- (2) Guidelines to the Contractor which assist in the interpretation of drawings, specifications or technical portions of work description.

(b) Technical instructions must be within the general scope of work stated in the contract. Technical instructions may not be used to: (1) assign additional work under the contract; (2) direct

a change as defined in the "CHANGES" clause of this contract; (3) increase or decrease the contract price or estimated contract amount (including fee), as applicable, the level of effort, or the time required for contract performance; or (4) change any of the terms, conditions or specifications of the contract.

(c) If, in the opinion of the Contractor, any technical instruction calls for effort outside the scope of the contract or is inconsistent with this requirement, the Contractor shall notify the Contracting Officer in writing within ten (10) working days after the receipt of any such instruction. The Contractor shall not proceed with the work affected by the technical instruction unless and until the Contractor is notified by the Contracting Officer that the technical instruction is within the scope of this contract.

(d) Nothing in the foregoing paragraph shall be construed to excuse the Contractor from performing that portion of the contractual work statement which is not affected by the disputed technical instruction.

SEA 5252.245-9108 GOVERNMENT-FURNISHED PROPERTY (PERFORMANCE) (SEP 1990)

The Government will provide only that property set forth below, notwithstanding any term or condition of this contract to the contrary. Upon Contractor's written request to the cognizant Technical Program Manager, via the cognizant Contract Administration Office, the Government will furnish the following for use in the performance of this contract: See Attachment J.5 – Government Furnished Property

HQ B-2-0007 LIMITATION OF COST OR LIMITATION OF FUNDS LANGUAGE

The clause entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF FUNDS" (FAR 52.232-22), as appropriate, shall apply separately and independently to each separately identified estimated cost.

SECTION I CONTRACT CLAUSES

CLAUSES INCORPORATED BY REFERENCE:

52.202-1	Definitions	DEC 2001
52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	APR 1984
52.203-6	Restrictions On Subcontractor Sales To The Government	JUL 1995
52.203-7	Anti-Kickback Procedures	JUL 1995
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	JAN 1997
52.203-10	Price Or Fee Adjustment For Illegal Or Improper Activity	JAN 1997
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	JUN 1997
52.204-2	Security Requirements	AUG 1996
52.204-4	Printed or Copied Double-Sided on Recycled Paper	AUG 2000
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	JUL 1995
52.211-15	Defense Priority And Allocation Requirements	SEP 1990
52.215-2	Audit and Records--Negotiation	JUN 1999
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.215-10	Price Reduction for Defective Cost or Pricing Data	OCT 1997
52.215-12	Subcontractor Cost or Pricing Data	OCT 1997
52.215-15	Pension Adjustments and Asset Reversions	DEC 1998
52.215-17	Waiver of Facilities Capital Cost of Money	OCT 1997
52.215-18	Reversion or Adjustment of Plans for Postretirement Benefits (PRB) Other than Pensions	OCT 1997
52.215-19	Notification of Ownership Changes	OCT 1997
52.215-21	Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data--Modifications	OCT 1997
52.216-7	Allowable Cost And Payment	DEC 2002
52.216-8	Fixed Fee	MAR 1997
52.217-8	Option To Extend Services	NOV 1999
52.219-8	Utilization of Small Business Concerns	OCT 2000
52.219-9	Small Business Subcontracting Plan	JAN 2002
52.219-16	Liquidated Damages-Subcontracting Plan	JAN 1999
52.219-23	Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns	MAY 2001
52.219-23 Alt I	Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (May 2001) Alternate I	OCT 1998
52.219-25	Small Disadvantaged Business Participation Program-- Disadvantaged Status and Reporting	OCT 1999
52.222-1	Notice To The Government Of Labor Disputes	FEB 1997
52.222-3	Convict Labor	AUG 1996
52.222-21	Prohibition Of Segregated Facilities	FEB 1999

52.222-26	Equal Opportunity	APR 2002
52.222-35	Equal Opportunity For Special Disabled Veterans, Veterans of the Vietnam Era and Other Eligible Veterans	DEC 2001
52.222-36	Affirmative Action For Workers With Disabilities	JUN 1998
52.222-37	Employment Reports On Special Disabled Veterans, Veterans Of The Vietnam Era, and Other Eligible Veterans	DEC 2001
52.223-5	Pollution Prevention and Right-to-Know Information	APR 1998
52.223-6	Drug Free Workplace	MAY 2001
52.223-13	Certification of Toxic Chemical Release Reporting	OCT 2000
52.223-14	Toxic Chemical Release Reporting	OCT 2000
52.225-13	Restrictions on Certain Foreign Purchases	JUL 2000
52.226-1	Utilization Of Indian Organizations And Indian-Owned Economic Enterprises	JUN 2000
52.227-1	Authorization and Consent	JUL 1995
52.227-2	Notice And Assistance Regarding Patent And Copyright Infringement	AUG 1996
52.228-7	Insurance--Liability To Third Persons	MAR 1996
52.230-2	Cost Accounting Standards	APR 1998
52.230-6	Administration of Cost Accounting Standards	NOV 1999
52.232-17	Interest	JUN 1996
52.232-20	Limitation Of Cost	APR 1984
52.232-22	Limitation Of Funds	APR 1984
52.232-23	Assignment Of Claims	JAN 1986
52.232-25 Alt I	Prompt Payment (Feb 2002) Alternate I	FEB 2002
52.232-33	Payment by Electronic Funds Transfer--Central Contractor Registration	MAY 1999
52.233-1	Disputes	JUL 2002
52.233-3 Alt I	Protest After Award (Aug 1996) - Alternate I	JUN 1985
52.237-2	Protection Of Government Buildings, Equipment, And Vegetation	APR 1984
52.237-3	Continuity Of Services	JAN 1991
52.237-10	Identification of Uncompensated Overtime	OCT 1997
52.239-1	Privacy or Security Safeguards	AUG 1996
52.242-1	Notice of Intent to Disallow Costs	APR 1984
52.242-3	Penalties for Unallowable Costs	MAY 2001
52.242-4	Certification of Final Indirect Costs	JAN 1997
52.242-13	Bankruptcy	JUL 1995
52.243-2 Alt I	Changes--Cost-Reimbursement (Aug 1987) - Alternate I	APR 1984
52.244-2 Alt I	Subcontracts (Aug 1998) - Alternate I	AUG 1998
52.244-5	Competition In Subcontracting	DEC 1996
52.244-6	Subcontracts for Commercial Items	MAY 2002
52.245-5 (Dev)	Government Property (Cost-Reimbursement, Time-and- Material, or Labor-Hour Contracts) (Deviation)	JAN 1986
52.246-25	Limitation Of Liability--Services	FEB 1997
52.248-1	Value Engineering	FEB 2000

52.249-6	Termination (Cost Reimbursement)	SEP 1996
52.249-14	Excusable Delays	APR 1984
52.253-1	Computer Generated Forms	JAN 1991
252.201-7000	Contracting Officer's Representative	DEC 1991
252.203-7001	Prohibition On Persons Convicted of Fraud or Other Defense-Contract-Related Felonies	MAR 1999
252.203-7002	Display Of DOD Hotline Poster	DEC 1991
252.204-7000	Disclosure Of Information	DEC 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004	Required Central Contractor Registration	NOV 2001
252.205-7000	Provisions Of Information To Cooperative Agreement Holders	DEC 1991
252.209-7000	Acquisition From Subcontractors Subject To On-Site Inspection Under The Intermediate Range Nuclear Forces (INF) Treaty	NOV 1995
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Terrorist Country	MAR 1998
252.219-7003	Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (DOD Contracts)	APR 1996
252.223-7004	Drug Free Work Force	SEP 1988
252.223-7006	Prohibition On Storage And Disposal Of Toxic And Hazardous Materials	APR 1993
252.225-7012	Preference For Certain Domestic Commodities	APR 2002
252.225-7026	Reporting Of Contract Performance Outside The United States	JUN 2000
252.225-7031	Secondary Arab Boycott Of Israel	JUN 1992
252.226-7001	Utilization of Indian Organizations and Indian-Owned Economic Enterprises-DoD Contracts	SEP 2001
252.227-7013	Rights in Technical Data--Noncommercial Items	NOV 1995
252.227-7014	Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation	JUN 1995
252.227-7015	Technical Data--Commercial Items	NOV 1995
252.227-7016	Rights in Bid or Proposal Information	JUN 1995
252.227-7019	Validation of Asserted Restrictions--Computer Software	JUN 1995
252.227-7025	Limitations on the Use or Disclosure of Government- Furnished Information Marked with Restrictive Legends	JUN 1995
252.227-7027	Deferred Ordering Of Technical Data Or Computer Software	APR 1988
252.227-7028	Technical Data or Computer Software Previously Delivered to the Government	JUN 1995
252.227-7030	Technical Data--Withholding Of Payment	MAR 2000
252.227-7036	Declaration of Technical Data Conformity	JAN 1997
252.227-7037	Validation of Restrictive Markings on Technical Data	SEP 1999
252.231-7000	Supplemental Cost Principles	DEC 1991
252.243-7002	Requests for Equitable Adjustment	MAR 1998
252.245-7001	Reports Of Government Property	MAY 1994

252.246-7001	Warranty Of Data	DEC 1991
252.247-7023	Transportation of Supplies by Sea	MAY 2002
252.247-7024	Notification Of Transportation Of Supplies By Sea	MAR 2000

CLAUSES INCORPORATED BY FULL TEXT

52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within the current performance period of this preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed five years.

52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium cost does not exceed \$0.00 or the overtime premium is paid for work --

(1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;

(2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;

(3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or

(4) That will result in lower overall costs to the Government.

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall--

(1) Identify the work unit; e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;

(2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;

(3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and

(4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<http://www.arnet.gov/far/>

<http://www.acq.osd.mil/dp/dars/>

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

CLAUSES INCORPORATED BY FULL TEXT

Ddl-J10 LIST OF ATTACHMENTS

Attachment J.1 – Contract Data Requirements List, DD1423

Attachment J.2 – Contract Security Classification Specification, DD254

Attachment J.3 – Past Performance Questionnaire

Attachment J.4 – Navy Value Engineering Guide

Attachment J.5 – Government Furnished Property

SECTION K - REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS

CLAUSES INCORPORATED BY REFERENCE:

52.203-11	Certification And Disclosure Regarding Payments To Influence Certain Federal Transactions	APR 1991
52.219-1 Alt I	Small Business Program Representations Alternate I	APR 2002
52.222-38	Compliance with Veterans' Employment Reporting Requirements	DEC 2001
252.209-7001	Disclosure of Ownership or Control by the Government of a Terrorist Country	MAR 1998
252.247-7022	Representation of Extent of Transportation by Sea	AUG 1992

CLAUSES INCORPORATED BY FULL TEXT

52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)

(a) Definitions.

“Common parent,” as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

“Taxpayer Identification Number (TIN),” as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the IRS. If the resulting contract is subject to the payment reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) Taxpayer Identification Number (TIN).

____ TIN: _____

☐ TIN has been applied for.

☐ TIN is not required because:

☐ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

☐ Offeror is an agency or instrumentality of a foreign government;

☐ Offeror is an agency or instrumentality of the Federal Government.

(e) Type of organization.

☐ Sole proprietorship;

☐ Partnership;

☐ Corporate entity (not tax-exempt);

☐ Corporate entity (tax-exempt);

☐ Government entity (Federal, State, or local);

☐ Foreign government;

☐ International organization per 26 CFR 1.6049-4;

☐ Other _____

(f) Common parent.

☐ Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.

☐ Name and TIN of common parent:

Name _____

TIN _____

52.204-5 WOMEN-OWNED BUSINESS (OTHER THAN SMALL BUSINESS) (MAY 1999)

(a) Definition. Women-owned business concern, as used in this provision, means a concern that is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

(b) Representation. [Complete only if the offeror is a women-owned business concern and has not represented itself as a small business concern in paragraph (b)(1) of FAR 52.219-1, Small Business Program Representations, of this solicitation.] The offeror represents that it () is a women-owned business concern.

52.209-5 CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS (DEC 2001)

(a)(1) The Offeror certifies, to the best of its knowledge and belief, that--

(i) The Offeror and/or any of its Principals--

(A) Are () are not () presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have () have not (), within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

(C) Are () are not () presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in subdivision (a)(1)(i)(B) of this provision.

(ii) The Offeror has () has not (), within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) "Principals," for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).

THIS CERTIFICATION CONCERNS A MATTER WITHIN THE JURISDICTION OF AN AGENCY OF THE UNITED STATES AND THE MAKING OF A FALSE, FICTITIOUS, OR

FRAUDULENT CERTIFICATION MAY RENDER THE MAKER SUBJECT TO PROSECUTION UNDER SECTION 1001, TITLE 18, UNITED STATES CODE.

(b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

52.215-6 PLACE OF PERFORMANCE (OCT 1997)

(a) The offeror or respondent, in the performance of any contract resulting from this solicitation, () intends, () does not intend [check applicable block] to use one or more plants or facilities located at a different address from the address of the offeror or respondent as indicated in this proposal or response to request for information.

(b) If the offeror or respondent checks "intends" in paragraph (a) of this provision, it shall insert in the following spaces the required information:

<p>Place of Performance (Street Address, City, State, County, Zip Code)</p>	<p>Name and Address of Owner and Operator of the Plant or Facility if Other Than Offeror or Respondent</p>
--	---

52.219-1 SMALL BUSINESS PROGRAM REPRESENTATIONS (APR 2002)
ALTERNATE I (APR 2002)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is **541330**.

(2) The small business size standard is **\$23M**.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Representations. (1) The offeror represents as part of its offer that it () is, () is not a small business concern.

(2) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents, for general statistical purposes, that it () is, () is not a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it () is, () is not a women-owned small business concern.

(4) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it () is, () is not a veteran-owned small business concern.

(5) (Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.) The offeror represents as part of its offer that it () is, () is not a service-disabled veteran-owned small business concern.

(6) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents, as part of its offer, that--

(i) It () is, () is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It () is, () is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. (The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in

the joint venture: _____.) Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(7) (Complete if offeror represented itself as disadvantaged in paragraph (b)(2) of this provision.) The offeror shall check the category in which its ownership falls:

☐ Black American.

☐ Hispanic American.

☐ Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).

☐ Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).

☐ Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).

☐ Individual/concern, other than one of the preceding.

(c) Definitions. As used in this provision--

Service-disabled veteran-owned small business concern--

(1) Means a small business concern--

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

Small business concern means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and the size standard in paragraph (a) of this provision.

Veteran-owned small business concern means a small business concern--

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

Women-owned small business concern means a small business concern --

(1) That is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall--

(i) Be punished by imposition of fine, imprisonment, or both;

(ii) Be subject to administrative remedies, including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

(End of provision)

52.219-22 SMALL DISADVANTAGED BUSINESS STATUS (OCT 1999)

(a) General. This provision is used to assess an offeror's small disadvantaged business status for the purpose of obtaining a benefit on this solicitation. Status as a small business and status as a small disadvantaged business for general statistical purposes is covered by the provision at FAR 52.219-1, Small Business Program Representation.

(b) Representations.

(1) General. The offeror represents, as part of its offer, that it is a small business under the size standard applicable to this acquisition; and either--

___ (i) It has received certification by the Small Business Administration as a small disadvantaged business concern consistent with 13 CFR 124, Subpart B; and

(A) No material change in disadvantaged ownership and control has occurred since its certification;

(B) Where the concern is owned by one or more disadvantaged individuals, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(C) It is identified, on the date of this representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration(PROONet); or

___ (ii) It has submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.

(2)___ For Joint Ventures. The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements at 13 CFR 124.1002(f) and that the representation in paragraph (b)(1) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. [The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture: _____.]

(c) Penalties and Remedies. Anyone who misrepresents any aspects of the disadvantaged status of a concern for the purposes of securing a contract or subcontract shall:

(1) Be punished by imposition of a fine, imprisonment, or both;

(2) Be subject to administrative remedies, including suspension and debarment; and

(3) Be ineligible for participation in programs conducted under the authority of the Small Business Act.

52.222-22 PREVIOUS CONTRACTS AND COMPLIANCE REPORTS (FEB 1999)

The offeror represents that --

(a) [] It has, [] has not participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation;

(b) [] It has, [] has not, filed all required compliance reports; and

(c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards.

52.222-25 AFFIRMATIVE ACTION COMPLIANCE (FEB 1984)

The offeror represents that

- (a) ☐ it has developed and has on file, ☐ has not developed and does not have on file, at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41 CFR 60-1 and 60-2), or
- (b) ☐ has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

52.223-13 CERTIFICATION OF TOXIC CHEMICAL RELEASE REPORTING (OCT 2000)

(a) Submission of this certification is a prerequisite for making or entering into this contract imposed by Executive Order 12969, August 8, 1995.

(b) By signing this offer, the offeror certifies that--

(1) As the owner or operator of facilities that will be used in the performance of this contract that are subject to the filing and reporting requirements described in section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) (42 U.S.C. 11023) and section 6607 of the Pollution Prevention Act of 1990 (PPA) (42 U.S.C. 13106), the offeror will file and continue to file for such facilities for the life of the contract the Toxic Chemical Release Inventory Form (Form R) as described in sections 313(a) and (g) of EPCRA and section 6607 of PPA; or

(2) None of its owned or operated facilities to be used in the performance of this contract is subject to the Form R filing and reporting requirements because each such facility is exempt for at least one of the following reasons: (Check each block that is applicable.)

☐ (i) The facility does not manufacture, process or otherwise use any toxic chemicals listed under section 313(c) of EPCRA, 42 U.S.C. 11023(c);

☐ (ii) The facility does not have 10 or more full-time employees as specified in section 313.(b)(1)(A) of EPCRA 42 U.S.C. 11023(b)(1)(A);

☐ (iii) The facility does not meet the reporting thresholds of toxic chemicals established under section 313(f) of EPCRA, 42 U.S.C. 11023(f) (including the alternate thresholds at 40 CFR 372.27, provided an appropriate certification form has been filed with EPA);

☐ (iv) The facility does not fall within Standard Industrial Classification Code (SIC) major groups 20 through 39 or their corresponding North American Industry Classification System (NAICS) sectors 31 through 33; or

[] (v) The facility is not located within any State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, Guam, American Samoa, the United States Virgin Islands, the Northern Mariana Islands, or any other territory or possession over which the United States has jurisdiction.

DdI-K20 AUTHORIZED NEGOTIATORS

The offeror shall provide the name and telephone number of personnel authorized to negotiate on behalf of the offeror:

In addition, the offeror shall provide a facsimile number and an email address to which correspondence and documents may be forwarded to the offeror, both prior to contract award and following contract award:

Facsimile:

Email:

252.227-7017 IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS. (JUN 1995)

(a) The terms used in this provision are defined in following clause or clauses contained in this solicitation--

(1) If a successful offeror will be required to deliver technical data, the Rights in Technical Data--Noncommercial Items clause, or, if this solicitation contemplates a contract under the Small Business Innovative Research Program, the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovative Research (SBIR) Program clause.

(2) If a successful offeror will not be required to deliver technical data, the Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation clause, or, if this solicitation contemplates a contract under the Small Business Innovative Research Program, the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovative Research (SBIR) Program clause.

(b) The identification and assertion requirements in this provision apply only to technical data, including computer software documents, or computer software to be delivered with other than unlimited rights. For contracts to be awarded under the Small Business Innovative Research

Program, the notification requirements do not apply to technical data or computer software that will be generated under the resulting contract. Notification and identification is not required for restrictions based solely on copyright.

(c) Offers submitted in response to this solicitation shall identify, to the extent known at the time an offer is submitted to the Government, the technical data or computer software that the Offeror, its subcontractors or suppliers, or potential subcontractors or suppliers, assert should be furnished to the Government with restrictions on use, release, or disclosure.

(d) The Offeror's assertions, including the assertions of its subcontractors or suppliers or potential subcontractors or suppliers shall be submitted as an attachment to its offer in the following format, dated and signed by an official authorized to contractually obligate the Offeror:

Identification and Assertion of Restrictions on the Government's Use, Release, or Disclosure of Technical Data or Computer Software.

The Offeror asserts for itself, or the persons identified below, that the Government's rights to use, release, or disclose the following technical data or computer software should be restricted:

Technical Data or Computer Software to be Furnished With Restrictions *	Basis for Assertion **	Asserted Rights Category ***	Name of Person Asserting Restrictions ****
(LIST) *****	(LIST)	(LIST)	(LIST)

*For technical data (other than computer software documentation) pertaining to items, components, or processes developed at private expense, identify both the deliverable technical data and each such items, component, or process. For computer software or computer software documentation identify the software or documentation.

**Generally, development at private expense, either exclusively or partially, is the only basis for asserting restrictions. For technical data, other than computer software documentation, development refers to development of the item, component, or process to which the data pertain. The Government's rights in computer software documentation generally may not be restricted. For computer software, development refers to the software. Indicate whether development was accomplished exclusively or partially at private expense. If development was not accomplished at private expense, or for computer software documentation, enter the specific basis for asserting restrictions.

***Enter asserted rights category (e.g., government purpose license rights from a prior contract, rights in SBIR data generated under another contract, limited, restricted, or government purpose rights under this or a prior contract, or specially negotiated licenses).

****Corporation, individual, or other person, as appropriate.

*****Enter "none" when all data or software will be submitted without restrictions.

Date _____

Printed Name and Title _____

Signature _____

(End of identification and assertion)

(e) An offeror's failure to submit, complete, or sign the notification and identification required by paragraph (d) of this provision with its offer may render the offer ineligible for award.

(f) If the Offeror is awarded a contract, the assertions identified in paragraph (d) of this provision shall be listed in an attachment to that contract. Upon request by the Contracting Officer, the Offeror shall provide sufficient information to enable the Contracting Officer to evaluate any listed assertion.

(End of clause)

SECTION L INSTRUCTIONS, CONDITIONS AND NOTICES TO BIDDERS

CLAUSES INCORPORATED BY REFERENCE:

52.204-6	Data Universal Numbering System (DUNS) Number	JUN 1999
52.215-1	Instructions to Offerors--Competitive Acquisition	MAY 2001
52.215-16	Facilities Capital Cost of Money	OCT 1997
52.222-24	Preaward On-Site Equal Opportunity Compliance Evaluation	FEB 1999
52.222-46	Evaluation Of Compensation For Professional Employees	FEB 1993
52.237-10	Identification of Uncompensated Overtime	OCT 1997
252.227-7017	Identification and Assertion of Use, Release, or Disclosure Restrictions	JUN 1995

CLAUSES INCORPORATED BY FULL TEXT

52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a Cost-Plus-Fixed-Fee term pricing arrangement resulting from this solicitation.

52.233-2 SERVICE OF PROTEST (AUG 1996)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer, Naval Surface Warfare Center, 17320 Dahlgren Road, Dahlgren, VA 22448-5100 by obtaining written and dated acknowledgment of receipt from XDS13, Contracting Officer, Building 183, Naval Surface Warfare Center, Dahlgren, VA 22448-5100.

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<http://www.arnet.gov/far/>

<http://www.acq.osd.mil/dp/dars/>

Ddl-L10 PROPOSAL PREPARATION REQUIREMENTS

Offerors are required to prepare their proposals in accordance with the following organization, content and format.

OFFERORS ARE CAUTIONED THAT IF ALL THE INFORMATION REQUESTED IN THIS RFP FOR VOLUMES I, II, III, AND IV OF THE PROPOAL IS NOT PROVIDED, THE PROPOSAL MAY BE DETERMINED TO BE NONRESPONSIVE TO THE RFP REQUIREMENTS AND MAY NOT BE CONSIDERED FOR AWARD.

(a) VOLUME I - SOLICITATION, OFFER AND AWARD DOCUMENTS (SF 33 - RFP)

(1) This document, which may be used as part of the contract award document, shall be fully executed and returned as a separate document from the technical/management and cost proposals. Special attention should be taken to accurately enter the prices required in Section B, complete the fill-ins in Section(s) C & H, complete all Representations and Certifications in Section K and ensure that an authorized person signs the offer in Block 17 of Page 1. This document shall not be embellished with any covers or binding.

(2) Offerors are encouraged not to take exceptions to this solicitation, however, any exceptions taken to the specifications, or terms and conditions of this solicitation shall be identified in a cover letter and explained in detail in the appropriate section of the technical proposal.

(b) VOLUME II & III - TECHNICAL PROPOSAL (ORAL & WRITTEN)

(1) The technical proposal shall not contain any reference to cost and shall be prepared in accordance with the following guidelines and the TECHNICAL PROPOSAL specific requirements below.

(2) The technical proposal (oral and written) should be presented (oral and written) so that management and engineering oriented personnel can make a thorough evaluation and arrive at a sound determination as to whether the proposal meets the requirements of this solicitation. To this end, the proposal shall be so specific, detailed and complete as to clearly and fully demonstrate that the prospective contractor has a thorough understanding of the technical requirements contained in Section C of this solicitation.

(3) Statements such as "the offeror understands", "will comply with the statement of work," "standard procedures will be employed", "well known techniques will be used" and general paraphrasing of the statement of work are considered inadequate. The technical proposal must provide details concerning what the contractor will do and how it will be done. This includes a full explanation of the techniques, disciplines, and procedures proposed to be followed.

(4) Unnecessarily elaborate brochures or other presentations beyond that sufficient to present a complete and effective proposal are not desired and may be construed as an indication

of the offeror's lack of cost consciousness. Elaborate art work, expensive paper and bindings, or expensive visual and other presentation aids are neither necessary nor desired.

(5) In the event any portion of the technical proposal is written by anyone who is not a bona fide employee of the firm submitting the proposal, a certificate to this effect shall be furnished. It must be signed by a responsible officer of the offeror and shall show the author's name, employment capacity, the name of the person's firm, the relationship of that firm to the offeror's, and the portion of the technical proposal he/she wrote.

(6) Technical information previously submitted, if any, may not be considered by the Government; hence, any such information should not be relied upon or incorporated in the technical proposal by reference.

(c) VOLUME IV - COST OR PRICE PROPOSAL

The cost proposal shall provide full supporting detail for the prices listed in Section B of the proposal and shall be prepared in accordance with the COST PROPOSAL specific requirements listed below.

(d) MARKING OF PROPOSALS

Proposals shall be submitted as separate volumes, as follows:

	<u>Original</u>	<u>Copies</u>
Volume I - Solicitation, Offer and Award (SF 33)	1	1
Volume II - Oral Presentation Viewgraphs or Diskette	1*	4
Volume III – Written Technical Proposal	1	4
Volume IV - Cost or Price Proposal	1*	4

*In addition to the hard copy, include an electronic copy as addressed under COST PROPOSAL PREPARATION REQUIREMENTS.

The original of each volume shall be clearly identified as the "ORIGINAL" and bear original signatures. The copies shall be complete and clearly identified as "COPY."

DdI-L24 ORAL PRESENTATION – TECHNICAL AND MANAGEMENT UNDERSTANDING/CAPABILITY – VOLUME II

(a) Offerors shall make an oral presentation to demonstrate their Technical and Management understanding and capability for this requirement. The presentation shall be followed by a question and answer session. Neither the oral presentation nor the question and answer session

will constitute discussions, nor will they obligate the Government to conduct discussions. The following paragraphs provide the rules/requirements for the oral presentation.

(b) Viewgraphs/Slides

(1) The offeror may make the oral presentation from hardcopy viewgraphs or from electronic media (PowerPoint, etc.). The original hardcopy transparencies or the original diskette of the electronic media of the oral presentation shall be submitted in a sealed package, that is submitted with the offer. These transparencies (or diskette) will be held by the Contracting Officer in the sealed package and will be provided to the offeror immediately prior to the start of the Oral Presentation. No other transparencies/diskette may be used during the Oral Presentation. Following the Oral Presentation, the Contracting Officer will retain the original transparencies/diskette. Following contract award, the original transparencies/diskette will be returned, if desired, to the offeror.

(2) Paper copies of the Oral Presentation transparencies or copies of the electronic media - A separate package shall contain the paper copies of the transparencies/slides or the electronic media. These paper copies, submitted with the offer, will be opened by the Government and will be provided to the Government evaluators for study prior to receiving the Oral Presentation.

(c) General presentation Requirements

(1) Offerors must clearly demonstrate an understanding of Navy policies and procedures and all requirements covered in the RFP. The presentation must be specific, detailed, and complete. The offeror shall clearly demonstrate that he has a thorough comprehension of the Navy's requirement, has the technical capability and competence to fully perform the requirements described in the statement of work, and has the management resources and expertise to successfully carry out a contract of this type. Previously submitted data or prior experience presumed to be known to the Government (e.g., previous contracts performed for the Government) should not be relied upon by the offeror.

(2) The overall quality of the presentation will be evaluated in the context of being representative of the offeror's capabilities. Superfluous material or material which is not directly related to this acquisition should not be presented.

(d) Scheduling Oral Presentations

(1) To assist the Government in scheduling evaluators' time as well as presentation facilities, offerors that intend to submit a proposal as a prime (and make an Oral Presentation) are requested to submit a written non-binding notice of intent to the Contract Specialist, at the address shown in block 7 of the SF33, by facsimile to (540) 653-6810 not later than **10 working days prior to the solicitation closing date.**

(2) Oral Presentations will be scheduled to begin not earlier than five (5) working days after the solicitation closing date. The order of presentation will be determined by random drawing by the Contracting Officer. Offerors will be notified of the date, time and location of

the Oral Presentation. The Navy reserves the right to reschedule the offeror's Oral Presentation at the discretion of the Contracting Officer. The offeror must make the Oral Presentation on the date scheduled in order to be considered for award.

(3) The Oral Presentation shall not exceed three (3) hours in length. Two breaks of 15 minutes will be scheduled by the presenter as follows. The breaks will not be included in the limitation for the Oral Presentation. The presentation will be followed by an approximate ninety (90) minute break and then a question and answer session. The oral presentation will be made in the Government's facility. The Government will provide and set up the necessary viewgraph projector and screen. If the offeror elects to use electronic media, the offeror shall be responsible for furnishing all equipment (not including screen) for making the presentation. The presentation schedule will be included in the date notification given the offeror. The presentation schedule is anticipated to be similar to the one shown below:

0745	Presentation room opened
0815	Sealed transparencies opened
0830	Presentation begins
0930	First 15 minute break
1045	Second 15 minute break
1200	Presentation ends, break begins
1330	Question and answer period begins
1430	Question and answer period ends

(e) Rules for the Oral Presentations

(1) The time limit for the Oral Presentation will be strictly enforced. The offeror is responsible for keeping track of the presentation time.

(2) There is no limit to the number of transparencies/slides in the Oral Presentation; however, only those transparencies/slides presented will be considered for evaluation purposes.

(3) Offerors are limited to the use of pre-prepared overhead transparencies/slides or electronic media only. The slides shall be consecutively numbered. During the question and answer session, the contractor may "create" new transparencies through the use of blank transparencies and markers. Necessary materials shall be provided by the contractor. The Contracting Officer will retain these original transparencies.

(4) Presenters shall be senior level Key Personnel the offeror will actually employ to perform the work under the prospective contract and shall include the proposed Program Manager. The offeror is limited to **no more than six (6) presenters**. The offeror is encouraged to have proposed subcontractor personnel participate. The same presenters shall be present for the question and answer session and shall address questions directed to them. In addition to the presenters, offerors may also have no more than one additional person attend as an observer. This individual will not be seated near the presenters during the presentation or the subsequent question and answer session and will make no verbal, written, or other contact with the presenters. A list of presenters and observer's names (to include corporate affiliation and title)

shall be provided with submission of the hardcopy transparencies/ slides. If any last minute substitutions are necessary, an updated list of presenters shall be provided to the Government prior to the start of the presentation. No substitutions (of presenters or observers) will be allowed between the oral presentation and the Q&A session.

(5) The presentation will not be recorded. Neither the Navy nor the offeror will videotape or use audio or video recording devices of any kind.

(6) The presentation shall not address cost or fee. Information submitted as part of the written portion of the proposal need not be repeated in the presentation.

(7) The Navy will not ask questions during the Oral Presentation; however, questions will be asked during the question and answer session.

(8) The Navy will not inform offerors of their strengths, deficiencies or weaknesses during the presentation.

(9) An invitation to make an oral presentation does not constitute a determination that the offeror has been determined to be in the Competitive Range.

(f) Organization and Minimum Content of the Oral Presentation – In order to facilitate evaluation, it is desired that the Oral Presentation be structured into two primary components: Technical Understanding/Capability and Management Capability.

(1) Technical Understanding/Capability – The offeror shall demonstrate his understanding of the requirements for and technical capability to accomplish tasking under this contract by his responses that reflect his knowledge and technical understanding of the various programs in each of the following technical areas. Demonstrations of knowledge of products shall be substantiated by recent examples (within the past 2 years).

(a) Analysis - Understanding and experience in the application of engineering, analytical, and technical efforts detailed in the Analysis section of the Statement of Work.

(b) Testing - Understanding and experience in the application of engineering, analytical, and technical efforts detailed in the Testing section of the Statement of Work.

(c) Facility Ops, Equipment Management, Instrumentation - Understanding and experience in the application of engineering, analytical, and technical efforts detailed in the Facility Operations, Equipment Management, and Instrumentation section of the Statement of Work.

(d) Government/Industry Interface - Understanding and experience in the application of engineering, analytical, and technical efforts detailed in the Government/Industry Interface section of the Statement of Work.

(e) Documents/Database - Understanding and experience in the application of engineering, analytical, and technical efforts detailed in the Documents/Database section of the Statement of Work.

(f) Surveys - Understanding and experience in the application of engineering, analytical, and technical efforts detailed in the Surveys section of the Statement of Work.

(2) Management Capability – Offerors shall demonstrate their management capabilities and understanding by addressing the following areas.

(a) Project Management - This subfactor is intended to address items such as the following: Overall management approach (to include approach to ensuring services remain non-personal in nature), plan, manage, and operate a large and complex engineering and analysis effort, proposed organization, corporate resources to be applied to this requirement (facilities, etc.), and understanding of and ability to comply with the contract's business management aspects such as progress reporting and invoicing. If teaming is proposed, what is the plan to achieve adequate subcontractor communication and management oversight in order to ensure product development and delivery that is seamless to the Government.

(b) Transition Planning - Since this is a follow-on technical services contract, transition is considered very important. Of specific interest are the areas of personnel, work product quality, and delivery. Offerors should address how their management and project staff will be established; how their technical and contract administration interface with NSWCCD will be established; how the offeror will assume responsibility for support of current programs without discontinuity of work flow or loss of integrity of the programs' current operation; and what services, support, or other items will be required from the Government to facilitate the transition.

(c) Quality Control - This subfactor will be evaluated based upon the assessed ability of the offeror's proposed plan, procedures and processes to ensure the quality and timeliness of all services provided as well as contract deliverables. In addition, the overall effectiveness of these procedures will be judged by the quality of both the technical and cost proposals in terms of form (spelling, grammar, etc.) and responsiveness to solicitation requirements. If teaming is proposed, what is the plan to exercise product Quality Control on subcontractor developed products?

(d) Personnel Recruitment/Retention/Skills Improvement - This subfactor will be evaluated based upon the assessed ability of the offeror's personnel management program to recruit, retain and train all personnel. Recruitment includes the approach to staffing buildup and management. Of particular interest is the offeror's ability to identify and provide individuals with hard-to-find skills. Retention includes the offeror's personnel management policies and practices designed to motivate employee performance and encourage longevity with the firm. Of interest in the training area is the offerors' approach toward staff development in the primary functional areas identified in the Statement of Work. Of particular interest is training and development of new personnel both at contract start up and as a result of personnel turnover throughout the life of the contract. Also, the extent of corporate investment (i.e., training funded out of overhead/G&A) in staff development should be addressed.

The offeror should address the qualifications and staffing of Non-Key/Support personnel along with how these positions will be managed during contract performance.

(e) Subcontracting/Teaming Allocations - The contractor's subcontracting and teaming shall be evaluated based upon its assessed ability to support the accomplishments of the contract objectives. If subcontracting or teaming is proposed, the offeror shall state the specific portions of the SOW the subcontractor/team member(s) will perform. The offeror will describe its processes and techniques used to manage subcontract performance (technical, schedule, and cost). The offeror shall address the technical reason for selecting each subcontractor/team member and any previous working relationships. (Note: The offeror is required to provide a written subcontracting or teaming agreement signed by both the offeror and planned subcontractor or team member(s) showing agreement as to the work areas to be subcontracted, the projected labor categories to be furnished, and the level of effort to be provided).

Ddl-L26 WRITTEN TECHNICAL PROPOSAL – SPECIFIC REQUIREMENTS – CONTRACT MANDATORY REQUIREMENTS, PERSONNEL, SUBCONTRACTING/TEAMING AND PAST PERFORMANCE – VOLUME III

(a) The offeror's written technical proposal should consist of the following:

1. Contract Mandatory Requirements
2. Key Personnel Staffing Matrix
3. Key Personnel Resumes
4. Subcontracting/Teaming/Consulting Agreements
5. Past Performance

(1) Contract Mandatory Requirements – The contractor shall address his ability to (or plans for meeting at time of award) meet each of the contract mandatory requirements identified in Section H, MANDATORY CONTRACT REQUIREMENTS.

(2) Key Personnel Staffing Matrix – The offeror shall provide a summary matrix of Key Personnel. This matrix will be evaluated against both the Resumes and Statement of Work for consistency. The following information shall be submitted:

- a. Proposed individual's name
- b. Labor Category
- c. Percent Available under resultant contract
- d. Professional Development
- e. Section(s) of the SOW proposed to support, including primary work location
- f. Section(s) of the SOW in which named individual possess experience
- g. Key person on another contract? (yes or no) If yes, provide the contract number(s) and the percentage of time obligated under each contract
- h. Resume page number

(3) Key Personnel Resumes – The minimum number of resumes to be submitted for each Key Person contract labor category is shown in the following table. The number of

resumes specified is based on the assumption that each individual will be available on a full-time basis. If this is not the case, and a proposed Key Person will be available only on a part-time basis, additional resume(s) are required to equal the equivalent of a full-time person. To facilitate evaluation, the volume containing resumes shall be page numbered and there shall be a Table of Contents showing the page location of each resume. Resumes shall be alphabetical by contract labor category.

KEY LABOR CATEGORY	NUMBER OF RESUMES	CLEARANCE REQUIRED
Program Manager	1	SECRET
Senior Engineer	18	SECRET
Engineer	7	SECRET
Specialist	4	SECRET
Senior E³ Technician	5	SECRET
Total Resumes	35	

(a) In order to facilitate proposal evaluation, all resumes shall be provided in the format specified in Section H. The cutoff for experience claimed shall be the closing date of the solicitation. Resumes without the certification required in Section H may be unacceptable and may not be considered. The employee and offeror certifications shall be dated after the issue date of the solicitation.

(b) If the employee is not a current employee of the offeror (or a proposed subcontractor), a copy of the accepted offer letter shall be provided. An additional copy of this letter shall be provided in the Cost Proposal which identifies a projected start date and the agreed to annual salary.

(4) Subcontracting/Teaming/Consulting Agreements – A copy of any subcontracting/teaming/consulting arrangements proposed to fulfill any direct charged part of the contract shall be provided. It shall be signed by both the offeror and the proposed subcontractor/team member/consultant and shall show agreement as to the specific technical work areas to be subcontracted, the projected labor categories (Key and Non-Key) to be provided, and the level of effort to be provided. It shall be fully consistent with other portions of the proposal to include resumes submitted and the Cost Proposal. Agreements shall be submitted only for those subcontractors or consultants who are priced in the Cost Proposal.

(5) Past Performance - Offerors shall provide information concerning the offeror's experience in performance of existing or recently completed contracts for similar services of the variety and magnitude set forth in the RFP. Offerors shall provide information on **five** relevant current/recent contracts. The requirement for information on five contracts can be satisfied by providing a copy of the CPARS evaluation or the Past Performance Questionnaire (to be used

when a CPARS evaluation did not apply). Offerors shall also provide written information on the extent of their prior use of small, small disadvantaged, and women-owned small business as subcontractors. Information regarding past performance may be obtained from several sources, as indicated below.

(a) Past Performance Reference List

(1) All offerors shall prepare and submit a Past Performance Reference List as part of the written Technical Proposal. The Past Performance Reference List shall contain the following information for each relevant contract completed within the last three years and those currently in progress:

- (A) Contract Number
- (B) Contract Terms/Amount/Value
- (C) Description of Work Performed to include labor categories and approximate number of direct man-years per year provided.
- (D) Identification of the Statement of Work functional area(s) (e.g, C.xx - - XXXXX) for which the referenced contract demonstrates past performance.
- (E) Note if performed as a prime or subcontractor
- (F) Agency, name, title, address, and phone number of person to whom the questionnaire was mailed.
- (G) Name, address and phone number of the Contracting Officer and of the COR
- (H) Date the questionnaire was mailed and a list of all recipients of the questionnaire.
- (I) CPARS evaluation.

(2) If submitting a proposal for subject acquisition as a prime contractor, the offeror is encouraged to include Past Performance reference(s) where they performed as a prime contractor. If subcontractors are proposed for subject acquisition, the offeror is encouraged to include Past Performance reference(s) where they, as the prime contractor, subcontracted a portion of the effort. Further, if subcontractors are proposed for this requirement, past performance references may be cited for current and previous customers of the proposed subcontractors.

(3) Contract Listed in CPARS. The Government intends to review Contractor Performance Assessment Reporting System (CPARS) data and other existing past performance rating on relevant contracts.

(4) Contracts Not Listed in CPARS – Past Performance Questionnaire

(A) The offeror is responsible for the distribution of all Past Performance Questionnaires (Attachment J.3). Questionnaires should be distributed not later than 7 days after receipt of the solicitation. It is in the offeror's best interest to do a thorough and prompt job of distributing the Past Performance Questionnaires.

(B) The offeror shall send a copy of the questionnaire directly to the COR for all relevant contracts completed in the last three years and contracts currently in progress. The offeror shall request the recipients of the questionnaire to complete the document and forward it to the Government Contracting Officer at the address listed in the questionnaire.

(C) The Navy will attempt to contact those offices which do not respond to the questionnaire based upon the information in the Past Performance Reference List.

(5) All offerors may provide any other information regarding their past performance of contracts similar to the Government's requirement that they would like the Government to consider. Such information may be in the nature of:

(A) Additional information which the Government has readily available, for example, a synopsis of data in the CPARS system;

(B) Information which the offeror considers essential to the Government's evaluation of Section M factors and/or subfactors; or

(C) Explanatory information of substandard or poor performance and the corrective actions taken to prevent a recurrence.

(6) Past performance will be used as both an evaluation factor and as a source of information for a responsibility determination. Offerors that do not have relevant past performance will receive a neutral rating.

Ddl-L27 ESTIMATED LEVEL OF EFFORT

(a) It is estimated that the following effort will be required by the contractor for performance of the work specified herein:

LABOR CATEGORY WORKYEARS

FULL TIME EQUIVALENT MAN YEARS

LABOR CATEGORY	FY 03 BASE PERIOD 10/01/03 – 09/30/04	FY 04 OPTION #1 10/01/04 – 09/30/05	FY 05 OPTION #2 10/01/05 – 09/30/06	FY 06 OPTION #3 10/01/06 – 09/30/07	FY 07 OPTION #4 10/01/07 – 09/30/08	TOTAL
Program Manager	1	1	1	1	1	5
Sr Engineer -- HERO	5	5	5	5	5	25
Sr Engineer -- RADHAZ Survey	3	3	3	3	3	15
Sr Engineer -- EMV	2	2	2	2	2	10
Sr. Engineer -- TWS EMC	2	2	2	2	2	10
Sr. Engineer -- MSC E ³	1	1	1	1	1	5
Sr. Engineer - E ³ Modeling and Simulation	1	1	1	1	1	5
Sr. Engineer -- Joint Ordnance E ³	1	1	1	1	1	5
Sr. Engineer -- International E ³	1	1	1	1	1	5
Sr. Engineer - E ³ Instrumentation	1	1	1	1	1	5
Sr. Engineer - E ³ Programmer/ Analyst	1	1	1	1	1	5
Engineer - E ³	1	1	1	1	1	5
Engineer	6	6	6	6	6	30
Specialist - RADHAZ Survey	3	3	3	3	3	15
Specialist -- TOMAHAWK EMC	1	1	1	1	1	5
Senior E ³ Technician	5	5	5	5	5	25
Technician	8	8	8	8	8	40
Tech Writer/Editor	4	4	4	4	4	20
Illustrator	1	1	1	1	1	5
Data Technician	5	5	5	5	5	25
Typist	3	3	3	3	3	15
Labor Total (Man Years)	56	56	56	56	56	280

(b) This estimate is furnished for the purpose of providing additional information to the statement of work to permit optimum response by offerors and to allow a more timely and comparable evaluation of proposals by the Government. The agreed to level of effort will be specified in the award document, in accordance with the Section H, "Level of Effort" clause.

(c) The Government's estimate of effort is based on workyears rather than labor hours. Offerors shall propose on the basis of their average workyear; for example, one offeror's workyear of effort may equate to 1800 hours and another offeror's workyear may be 1900. Proposed hours shall be identified as either compensated or uncompensated, if applicable. A minimum of 1775 compensated hours per workyear is required. The basis for the number of hours used as well as the mix (i.e., compensated/uncompensated) must be provided in the cost proposal. This data must be verifiable either with DCAA or through the analysis of supplemental statistical data which shall be included in the cost proposal.

Ddl-L32 COST PROPOSAL – SPECIFIC REQUIREMENTS – VOLUME IV

(a) General

(1) The offeror's cost proposal shall be prepared and submitted in accordance with the following requirements. The format and content requirements provided herein apply equally to both the prime contractor as well as any subcontractors/team members/consultants.

(2) An offeror's proposal is presumed to represent the best efforts to respond to the solicitation. Any inconsistency, whether real or apparent, between promised performance and estimated cost-plus-fixed-fee should be explained in the proposal. For example, if a corporate policy decision has been made to absorb a portion of the estimated cost-plus-fixed-fee, that should be stated in the proposal. Any significant inconsistency, if unexplained, raises a fundamental issue of the offeror's understanding of the nature and scope of the work required and the ability to perform the contract, and may be grounds for rejection of the proposal. The burden of proof as to price credibility rests with the offeror.

(3) The cost proposal shall be prepared indicating cost elements and subtotals for the basic performance period and for each of the option periods, and a total for the basic period plus the options. Submit spreadsheets showing all cost elements and calculations in hard copy and on a CD or ZIP disk in a Microsoft Excel format.

(4) Number all pages in the Cost Proposal (including all appendices or attachments). Provide a table of contents. Also, provide a Compliance Matrix which cross references the Cost Proposal to the solicitation content requirements. No information submitted for evaluation in the Cost Proposal shall be printed in a type font smaller than 10. This includes pricing spreadsheets.

(5) Provide the name, address, and telephone number of the cognizant Government Audit Agency Office and Contract Administration Office. Your accounting system must be approved by DCAA for cost type contracts. Please provide verification that indicates whether or not your accounting system has been approved. If it has not, contact your cognizant DCAA office as soon

as possible to arrange for this review; this can add as much as 8 – 12 weeks to the contract award process.

(6) If the offeror has been authorized to submit invoices directly to the Paying Office, provide a copy of the authorizations from DCAA and the ACO.

(1) Direct Labor

(A) In order to evaluate all proposals fairly, offerors are directed to provide proposed costs based on utilization of the direct technical labor categories stated below. Offerors are reminded that the staff proposed in the technical proposal must be the same staff proposed in the cost proposal. The labor categories/hours contained in Section L of this solicitation are based on the assumption that individuals/resumes identified at time of award will continue to be made available throughout the life of the contract. Failure to submit a consistent labor mix may be interpreted as the offeror's intention to substitute lesser qualified personnel for original Key Personnel. Offerors shall, therefore, provide a detailed explanation for any significant changes in labor mix by contractor category, solicitation labor category, and contract year.

(B) Offerors shall base their Cost Proposals on the labor mix identified **on page 72 of this solicitation.**

(C) The above estimates are furnished for the purpose of providing additional information to the statement of work to permit optimum response by offerors and to allow a more timely and comparable evaluation of proposals by the Government. The agreed-to level of effort will be specified in the award document, in accordance with the Section H clause "Level of Effort."

(D) The Government's estimate of effort is based on work years rather than labor hours. Offerors shall propose on the basis of their average workyear; for example, one offeror's workyear of effort may equate to 1800 hours and another offeror's workyear may be 1900. A minimum of 1,775 compensated regular hours per workyear is required.

(E) FAR 52.237-10 in Section I defines Uncompensated Time (UT) as any hours worked in excess of 40 hours per week without additional compensation. Some firms manage UT through the process of Total Time Accounting (TTA). The effect of UT/TTA is that the total hour worked are charged to the contract/order at a rate less than the individual's regular hourly rate based on a 40-hour workweek. In accordance with FAR 52.237-10 and the need to adequately evaluate all offers, offerors shall:

- (i) Identify proposed hours as compensated or uncompensated.
- (ii) Provide the basis for the number of hours used as well as the mix (i.e., compensated/uncompensated). This data must be verifiable either with DCAA or through the analysis of supplemental statistical data that the offeror includes in the cost proposal.

(F) Proposed hours shall be supported by a detailed breakout of an average workyear for exempt and non-exempt employees in the following format:

Description	Exempt	Non - exempt
One year base hours	2,080	2,080
Subtract Paid Holidays		
Subtract Paid Vacation		
Subtract Paid Sick Leave		
Subtract Other Paid Leave (e.g. Jury Duty, Military Leave, etc.)		
Subtotal – Net Compensated Hours		
Add Uncompensated Overtime Hours		
Total Hours per Workyear		

It shall be noted that the proposed workyear, in order to be evaluated as realistic, should be based on actual historical information rather than 2,080 hours less the quantity of paid absence hours provided for in the offeror's fringe benefit package. This caution is provided because not all employees may take their entire leave entitlement. Following award, administration of the contract and negotiation of the level of effort for delivery/task orders (if applicable) shall be based on the above proposed workyear.

(G) Offerors shall provide the following workyear information in narrative format:

- (i) List of offeror's paid holidays,
- (ii) State the average number of paid vacation days per employee per year,
- (iii) State the average number of sick days per employee per year, and
- (iv) Describe any other factors used to determine direct and indirect labor hours.

(H) The total contract labor provided above refers to technical labor categories only. Corporate, or any other local level management, clerical, and contract business management/administration is considered to be overhead in nature. The offeror is, however, permitted to propose such labor hours as a direct charge if it is in accordance with his standard DCAA approved practice to do so. Such hours shall be added to the total number of hours proposed. The offeror shall clearly state what additional functions are to be direct charged, including administrative word processing, reproduction, library, contract administration (to include support for progress report preparation and invoicing), security administration, contract quality assurance, CDRL review and approval, etc. The additional hours/amounts proposed for each of these functions shall be fully explained and justified.

(I) Labor Rates for Named Key Personnel - The cost proposal shall reflect actual labor rates expected to be expended in performing the proposed contract; e.g., actual hourly rates for named Key Personnel if such rates will be the basis for billing under the resultant contract, and not a composite rate of individuals within a labor classification or labor category. The Cost Proposal shall contain a table which shows the following for each named person:

- (i) Solicitation Labor Category
- (ii) Contractor Labor Category
- (iii) Current (as of the date of proposal submission) Salary
- (iv) Effective Date of Salary
- (v) Current Hourly Rate Based on 2080 Hours per Year (Actual Rate Excluding (UT/TAA)
- (vi) Current Decrement Hourly Rate (if UT/TTA is proposed)
- (vii) Contract Year One Hourly Rate
- (viii) Escalation Rate applied to current rate
- (ix) Percent of Time Individuals Will Be Utilized on Contract

Rates projected through the life of the contract. Offerors are cautioned that outyear rates must reflect the requirement for replacement of key personnel to have qualifications equal to or better than the key person being replaced.

(J) Key Personnel –

(i) Key Personnel whose resume was not submitted with the offer and is not identified by name may be priced on contract category average rates. If any other basis is used, it must be fully explained along with the rationale justifying its applicability.

(ii) Growth Rates – Out-year growth in Key Personnel labor categories (key personnel for which resumes are not required to be submitted and are not identified by name on the offer) must be priced based on category average rates. Offerors shall ensure the proposed rates are realistic because proposed rates will be used to evaluate the reasonableness of proposed rates for negotiation of delivery/task orders, if applicable.

(K) Non-Key Labor Rates –

(i) Non-Key Personnel who are not identified by name on the offer may be priced on category average rates. If any other basis is used, it must be fully explained along with the rationale justifying its applicability.

(ii) If category average rates are proposed for non-Key hours, Offerors shall ensure the proposed non-Key rates are realistic because proposed non-Key rates will be used to evaluate the reasonableness of proposed rates for negotiation of delivery/task orders, if applicable. Proposed non-key rates should not be the lowest rate at which an individual may be provided but rather a representative rate for the category, i.e., a rate that represents the range of education and experience applicable to the category, not just the minimum requirement.

(iii) Wage and Salary Plan - For each proposed contractor category identified for both Key and Non-key categories, identify:

- (1) The minimum and maximum hourly rates.
- (2) The current mean and median rate.
- (3) The minimum education and experience requirements.

- (4) Note whether the category is considered exempt or non-exempt.
- (5) Note the current number of contractor employees in each category.

(iv) Include documentation from the cognizant government auditor which shows the offeror's current approved category average rate for each labor category proposed, if applicable.

(x) If the contractor does not have established corporate labor categories for which the above information can be provided, the offeror shall provide a narrative justification of the realism of each proposed bid rate.

(xi) Provide a copy of the overtime policy noting who is paid overtime and the applicable rate.

(xii) Escalation - Labor escalation is defined to include all factors which affect an individual's compensation level to include merit increases, promotions, and cost-of-living adjustments. State the annual labor escalation rate used in the Cost Proposal. Provide a chart that shows the salary history for each proposed named individual for the most recent 3 year period. Show the effective dates for each rate and compute an average annual escalation rate from these data. If a lower escalation rate is proposed than the average rate derived from the above table, specific justification shall be provided as to why the proposed rate should be considered realistic. Describe the management controls to be implemented to hold the actual labor escalation rate to what is proposed. Offerors shall ensure that the proposed escalation rate is realistic as it will be used to evaluate the reasonableness of proposed labor costs for negotiation of delivery/task orders, if applicable.

(xiii) Uncompensated Overtime - If decremented direct labor rates are proposed, either by the prime or by any subcontractor, the Cost Proposal shall include a detailed description, including examples as appropriate, of the manner in which the offeror plans to track and report compliance with the LEVEL OF EFFORT clause in Section H. If the offeror plans to track delivery of uncompensated overtime by reporting UT hours worked, the offeror shall specifically show in the Cost Proposal, how the number of UT hours reported, in relation to the regular hours worked, accurately represents the actual percentage decrement to labor billing rates. Sample calculation shall be provided. Statements that the offeror's procedures are approved by DCAA are not sufficient.

(L) Provide copies of current payroll records to support proposed base hourly rates. In the case of a contingent hire, provide a copy of an accepted offer letter that identifies the agreed-to salary amount.

(2) Other Direct Costs

(i) Offerors shall use the following unburdened amounts (\$K) for travel and materials:

ITEM	FY 03 BASE PERIOD	FY 04 OPTION #1	FY 05 OPTION #2	FY 06 OPTION #3	FY 07 OPTION #4
Travel	\$425,000	\$450,000	\$475,000	\$500,000	\$525,000
Materials	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000

(A) Travel dollars are assumed to reflect Dahlgren, VA as a point of origin and are exclusively for technical travel requirements of the contract and/or individual delivery orders, if applicable. Representative destinations include, but are not limited to those trips identified in Section C – Statement of Work. All other travel is assumed to be overhead in nature. If, due to the use of remotely located personnel, including subcontractors, or the offeror's proposed management structure, additional travel is planned to be direct charged, subject to the limitations of Section G herein, it should be added to the above amounts. Failure to do so will make such additional travel unallowable following contract award. Narrative information regarding the basis for the additional amounts should be provided.

(B) "Material" dollars are intended to cover items of expense directly associated with producing contract deliverables to exclusively include copying costs and consumables (binders, tabs, CD-ROM blank disks, etc.). Items of expense not included in this estimate are personnel relocation, computer usage, postage and express/overnight delivery charges, and telephone and other communication costs. Offerors who do not direct charge reproduction and/or consumables shall so state and may reduce the dollar amount correspondingly. Offerors who plan to direct charge any other item of ODC shall identify each item of expense, including associated dollars, and provide the following information for each item. Corresponding dollar amounts for each additional type of ODC shall be included in the offeror's total proposed cost if the expense category is to be allowed as a direct charge following contract award.

(1) Description, justification, and detailed basis for the estimate.

(2) For any costs proposed on a per unit basis, (e.g., those set up in a service cost center and charged to users/customers on a per unit basis), the discussion shall also include statistical data supporting the unit charge. Statements that the rate has been accepted by DCAA are not sufficient.

(3) If direct charge is proposed for any leased item, identification of item, justification of need, and lease/purchase analysis shall be provided.

(4) If direct charge is proposed for depreciation of any capital asset, identification of item, justification of need, projected acquisition date, purchase price, depreciation method, and depreciation schedule shall be provided.

(ii) If it is anticipated that subcontractors will need to incur items of Other Direct Costs, they shall be proposed as such (subject to the solicitation requirements with respect

to ODCs) or none shall be allowed during contract performance. Offerors shall note that the Realism Assessment will assess the extent to which the travel and material dollars provided above were allocated to proposed subcontractors. Offerors shall, therefore, provide a narrative explanation of the amounts allocated to and proposed by subcontractors or consultants.

(iii) The proposed direct charge of any item, such that title transfers to the Government under the provisions of FAR 52.245-5, Government Property, is not acceptable unless specifically authorized in writing under the contract. Furthermore, if a category of expense is not proposed as a direct charge in the Cost Proposal, it will not be allowed during contract performance unless it is established that there has been a DCAA-approved change in accounting procedures. This restriction is equally applicable to subcontractors.

(iv) Offerors shall specifically state their accounting practices with respect to each of the following items of expense: relocation costs for an individual hired to work on a specific contract/delivery order; copying costs for contract deliverables; material costs for contract deliverables (paper, notebooks, electronic media); computer costs (administrative); computer costs (technical); postage (including overnight delivery charges), long distance telephone and other communication costs (pagers, cellular phone charges, etc.), and training. Offerors shall note that indication that an item is a direct charge under this section will not result in its being allowable as a direct cost during contract performance unless associated costs have been included in the offeror's total proposed cost.

(3) Indirect Costs

(i) Identify each proposed Cost Center. Provide its official name and note the area (organizational, geographic, etc.) to which it applies. Note any restrictions on its applicability to this requirement.

(ii) For each proposed indirect rate (e.g. fringe, off-site overhead, on-site overhead, material handling, G&A, etc.) for each proposed cost center, note the individual elements comprising the pool for the respective rate and their relative weight in relation to the other elements. Note also the specific base to which each rate is applied. Provide this in chart format such as that shown below. For illustration purposes, a fringe pool has been selected.

<u>Weight</u>	<u>Pool Element</u>
xx%	Paid Absences
xx%	Payroll taxes (FICA, Medicare, FUTA, SUTA)
xx%	Paid Absences
xx%	Health Insurance
xx%	Life and other insurance
xx%	Training/education reimbursement
xx%	Retirement, 401K
xx%	Bonus
<u>xx%</u>	Other (specify)
100%	Total fringe pool.

(iii) Offerors shall identify their fiscal period and note which fiscal year they are in as of the date of proposal submission.

(iv) Provide a table showing each proposed indirect rate by contract year. If the proposed rates represent blended rates, also show the proposed rates by contractor fiscal year.

(v) Provide a four-year history of actuals incurred for each proposed indirect rate. This history shall include the offeror's most recently completed fiscal year and the three previous fiscal periods. Note whether the actuals have been audited by DCAA. Provide a detailed explanation for rate fluctuations from one year to the next of 10% or greater. For example, an increase of a 30% fringe rate to 33% is a 10% increase.

(vi) With respect to overhead and where teaming arrangements are proposed, it has been noticed that proposed overhead rates may reflect a plan to be co-located with a member of the team resulting in lower overhead costs for one or more of the firms. While this arrangement could be of significant benefit to the technical accomplishment of contract objectives, it may not result in realistic proposed costs because it fails to address the additional office space, furniture, equipment, and other support requirements associated with those individuals who are proposed to work in another firm's space. Where such an arrangement is proposed, the Cost Proposal shall specifically state what agreements have been made regarding these items of cost and shall clearly and specifically demonstrate how and where these costs are reflected in the indirect pool.

(vii) Offerors are notified that the realism of proposed indirect rates will take historical actuals into consideration. Further, indirect rates significantly lower than recent actuals, or declining indirect rates may not be evaluated as realistic unless caps are offered. A composite cap including all burdens applied to direct labor is considered preferable to individual rate caps.

(viii) If a formal Forward Pricing Rate Agreement has been negotiated, provide a copy.

(ix) Provide copies of any DCAA correspondence that approve proposed indirect rates.

(4) Subcontracting Costs

Note the planned subcontract type for each subcontractor. The proposal shall include subcontract cost data in the same level of detail as provided for the offeror. Any subcontracting costs shall be fully supported. It is the responsibility of the prime contractor and higher-tier-subcontractor (if applicable) to review and evaluate the reasonableness and realism of subcontract cost data and furnish the results of such review and evaluation to the Government as part of the offeror's cost proposal. Failure to do so may be interpreted as the prime contractor's lack of management expertise in this area. Frequently, subcontractors are not willing to provide

such detail to a prime contractor. Accordingly, this detail may be submitted directly to the Government or may be submitted to you in a sealed envelope that you forward with your proposal.

(5) Consultants. If applicable, provide a detailed listing of consultants expected to be used, rationale for selection and associated costs which are proposed for reimbursement. Identify the corresponding contract labor category for each proposed consultant. Include your analysis that establishes the reasonableness of the proposed hourly rate.

(6) Facilities Capital Cost of Money

The offeror shall provide a completed DD Form 1861 - Contract Facilities Capital Cost of Money, if this element is to be proposed. This data shall be specifically identified in the cost proposal.

(7) Fixed Fee

Offerors shall state their proposed fixed fee rate and the specific base to which it has been applied. If the proposal reflects a multiple fee rate structure (e.g, a lower fee rate applied to subcontract costs), each rate and the applicable base shall be explicitly identified. Although none is planned at this time, offerors are reminded of the requirements of FAR 45.302-3(c) which provides that no fee shall be allowed on the cost of facilities when purchased for the account of the Government under other than a facilities contract.

(8) Subcontracting Plan

Offerors who are large businesses under the applicable NAICS code shall note the requirement for submission of a Subcontracting Plan. Offerors are cautioned to ensure that proposed small, SDB, and 8(a) subcontractors are considered small businesses under the NAICS code applicable to this acquisition. Offerors are also cautioned to ensure that their proposed direct subcontracting (as reflected in their Subcontracting Plan) is fully consistent with their Technical and Cost Proposals, as appropriate.

(9) Offerors shall note the inclusion of FAR 52.222-46, Evaluation of Compensation for Professional Employees (FED 1993), by reference in Section L. This clause requires the submission of a complete Compensation Plan. This Plan shall be included in the offeror's Cost Proposal.

DdI-L36 COST PROPOSAL – SPECIFIC REQUIREMENTS – START DATE FOR USE IN COST PROPOSAL

In order to allow for procurement lead time and a fair and equal evaluation of all proposals submitted under this competitive procurement, all proposals shall be based on a contract award date of 1 October 2003. This date is only an estimate of the anticipated contract performance

start date and will be used for the purpose of proposal evaluation only. A definitive contract performance start date will be incorporated into the contract award document.

Ddl-L40 SUBMISSION OF QUESTIONS BY POTENTIAL OFFERORS

It is the offeror's responsibility to bring to the attention of the Contracting Officer at the earliest possible time, but prior to the closing date, any ambiguities, discrepancies, inconsistencies, or conflicts between the Statement of Work (SOW) and other solicitation documents attached hereto or incorporated by reference. All questions are requested in writing not later than two weeks after the issue date of the solicitation.

Ddl-L42 PRE-AWARD FACILITY SECURITY CLEARANCE

(a) No award will be made to any offeror which does not possess a facility security clearance issued by the Defense Investigative Service at the required security level. The Naval Surface Warfare Center, Dahlgren Division will initiate appropriate security clearance action for any apparent successful offeror which does not already possess such clearance. The government is not obligated to delay award pending security clearance of any offeror.

(b) The security classification of this procurement is specified in the Contract Security Classification Specification, DD Form 254, attached hereto.

HQ L-2-0005 NOTIFICATION OF POTENTIAL ORGANIZATIONAL CONFLICT(S) OF INTEREST (NAVSEA) (JUN 1994)

(a) Offerors are reminded that certain existing contractual arrangements may preclude, restrict or limit participation, in whole or in part, as either a subcontractor or as a prime contractor under this competitive procurement. Of primary concern are those contractual arrangements in which the Offeror provides support for **Electromagnetic Environmental Effects (E³) Programs at the Naval Surface Warfare Center Dahlgren Division (NSWCDD)**, or related laboratories (if applicable), in support of operation of the office or any of its programs. General guidance may be found in FAR 9.505; however, this guidance is not all inclusive. The Offeror's attention is directed to the "Organizational Conflict of Interest" (or similar) requirement which may be contained in current or completed contract(s) which prohibits the prime or subcontractor from providing certain supplies or services to the Government as described above during the period of the current "support" contract(s) or for a period after completion of the "support" contract(s). Notwithstanding the existence or non-existence of an Organizational Conflict of Interest (OCI) clause or similar requirement in current or completed contract(s), the offeror shall comply with FAR 9.5 and identify whether an OCI exists and not rely solely on the presence of an OCI requirement.

(b) If a potential conflict of interest exists at any tier, each potential prime offeror is requested to notify the Contracting Officer within 14 days of the date of this solicitation. The Offeror shall provide: (1) the contract number and name and phone number of the Contracting Officer for the contract which gives rise to a potential organizational conflict of interest; (2) a copy of the requirement; (3) the statement of work (or technical instruction) from the existing contract; (4) a

brief description of the type of work to be performed by each subcontractor under the competitive procurement; and (5) any additional information the Contracting Officer should consider in making a determination of whether a conflict of interest exists. The Government may independently verify the information received from the offeror. Notwithstanding the above, the Government reserves the right to determine whether a conflict of interest exists based on any information received from any source.

(c) The Government will notify an offeror of any conflict of interest within 14 days of receipt of all required information. Those offerors deemed to have a conflict of interest may be ineligible for award. Failure to provide the information in a timely manner does not waive the Government's rights to make a conflict of interest determination. The offeror is notified that if it expends time and money on proposal preparation, such expenditure is at its own risk that the Government will not determine that an organizational conflict of interest exists.

(d) Any potential prime contractor which proposes a subcontractor later determined to have a conflict of interest and deemed ineligible to participate in the current competition, may not be granted the opportunity to revise its proposal to remove the ineligible subcontractor. The Government reserves the right to determine which offerors remain in the competitive range through the normal source selection process.

(e) If the offeror determines that a potential organizational conflict of interest does not exist at any tier, the offeror shall include a statement to that effect in its response to this solicitation.

HQ L-2-0008 REQUIREMENTS CONCERNING WORK WEEK (NAVSEA) (MAY 1993)

(a) Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work.

(b) The offeror may include uncompensated effort in its proposed level of effort if:

(1) The offeror has an established cost accounting system, approved by the Defense Contract Audit Agency, which records all hours worked, including uncompensated hours, for all employees, and regardless of contract type.

(2) Uncompensated hours, for all employees and regardless of contract type, are included in the offeror's base for allocation of overhead costs.

(3) The proposal identifies hours of uncompensated effort proposed by labor category.

(4) The proposal identifies the amount of uncompensated effort which will be performed without supervision and without support personnel and assesses the productivity of such effort.

(5) The proposal describes the extent to which employees are required or encouraged to perform uncompensated effort and the impact the use of uncompensated effort has on work effectiveness.

- (6) The proposal includes a copy of the corporate policy addressing uncompensated effort.
- (c) The above information must be provided for each subcontract which has uncompensated effort included in the proposed level of effort.
- (d) Any proposal which includes uncompensated effort in the proposed level of effort not in compliance with the above may be rejected.

HQ L-2-0009 SMALL BUSINESS SUBCONTRACTING PLAN (NAVSEA) (MAY 1999)

Offer shall submit as part of its proposal a written proposed subcontracting plan in accordance with the clause entitled "SMALL BUSINESS SUBCONTRACTING PLAN" (FAR 52.219-9). The plan shall include the Congressionally mandated five percent (5%) goal for small disadvantaged business concerns or a detailed explanation as to why the goal cannot be included in the plan.

SECTION M EVALUATION FACTORS FOR AWARD**CLAUSES INCORPORATED BY REFERENCE:**

52.217-5 Evaluation Of Options

JUL 1990

CLAUSES INCORPORATED BY FULL TEXT**Ddl-M10 GREATEST VALUE EVALUATION**

(a) The contract resulting from this solicitation will be awarded to that responsible offeror whose offer, conforming to the solicitation, is determined most advantageous to the Government, cost/price and other factors considered. The offeror's proposal shall be in the form prescribed by this solicitation and shall contain a response to each of the areas identified which affects the evaluation factors for award. Proposals will be evaluated on the factors listed below, as well as other criteria identified in Section M of the solicitation:

EVALUATION FACTORS

1. Key Personnel
2. Technical Understanding/Capability
3. Management Capability
4. Past Performance

(b) The above evaluation factors are listed in order of importance. The Key Personnel factor is weighted one and one-third times as important as Technical Understanding/Capability. Technical Understanding/Capability is weighted twice as important as Management Capability and Past Performance, which are weighted equally.

(c) Each factor and subfactor will be evaluated and rated. Additionally, a risk assessment will be made on each factor and subfactor. Both risk and the offeror's plans for risk mitigation, if provided, will be evaluated.

(d) Offerors must meet each of the mandatory requirements identified in Section H. An offeror not meeting each of these mandatory requirements (or having acceptable plans for meeting the requirements by contract award) will not be considered as eligible for contract award. No weight is assigned to the mandatory requirements.

(e) The evaluation factors for this award are further defined as follows:

(f) Key Personnel – Evaluation of this factor will be based primarily on the written Technical proposal and shall be evaluated on the following two equally rated subfactors:

- 1) Experience and Professional Development of Personnel Resumes
- 2) Depth and Breadth of Personnel Resumes

The above factors address the degree to which Key Personnel resumes meet, do not meet, or exceed desired qualifications for the respective key labor categories possessed by each Key Personnel across the spectrum of the programs listed in the Statement of Work. Depth is a measure of the length of time the individual has worked in one field or activity. Breadth is a measure of the variety of experiences the individual has either in one particular functional area or has across a number of programs/functional areas that have been identified in the Statement of Work. The relevance of individual experience to the technical requirements of the Statement of Work will be assessed using the required Personnel/Statement of Work Allocation Matrix. Resumes are required to cover key personnel workyears of the first year as detailed in Section L. All key personnel workyears are equally weighted for evaluation purposes. Part-time resumes will be accumulated to an equivalent workyear and assigned an average rating earned by the grouped resumes.

The evaluation of risk for Key Personnel will be based primarily on an assessment of the proposed individual's availability. Such things as whether the individual is a contingent hire and whether a relocation will be necessary will be considered. Also, the proposed individual's suitability for the labor category will be assessed. That is, if the individual is significantly overqualified for the category, it is felt that there is increased risk associated with the individual's actually being provided to work under the category. An individual significantly underqualified for a category increases the risk of unsatisfactory performance without significant Government involvement.

(g) Technical Understanding Capability – The validity and thoroughness of the offeror's presentation will be evaluated on the offeror's technical understanding of and technical approach to the various programs in each of the technical areas as demonstrated in the Oral Presentation and the subsequent question and answer session. The following six technical areas to be evaluated are of equal importance:

- 1) Analysis
- 2) Testing
- 3) Facility Ops, Equipment Management, Instrumentation
- 4) Government/Industry Interface
- 5) Documents/Database
- 6) Surveys

(h) Management Capability – The Management factor will evaluate the offeror's ability to perform the non-technical aspects of contract performance and will be based primarily on the Oral Presentation. Each offeror's presentation will be assessed on following equally rated subfactors to determine the acceptability of the approach and the depth of understanding represented by that approach.

- 1) Project Management
- 2) Transition Planning
- 3) Quality Control
- 4) Personnel Recruitment/Retention/Skills Improvement
- 5) Subcontracting/Teaming Allocations

(i) **Past Performance** – This factor considers the offeror's evaluated past performance and will be assessed on the following equally rated subfactors.

- 1) Quality of Product or Service
- 2) Timeliness of Performance (Schedule)
- 3) Cost Control
- 4) Business Relations
- 5) Management of Key Personnel
- 6) Subcontracting Goals (Extent of prior use of small, small disadvantaged, and women-owned small business as subcontractors)

The Government intends to review Contractor Performance Assessment Reporting System (CPARS) ratings and other existing past performance ratings on relevant contracts. The Government may also review other relevant past performance information contained in either local files or from other Government sources. The Government may also consider information from past performance questionnaires, as required by Section L. General trends in a contractor's past performance will also be considered. Offerors without past performance history will be evaluated in a manner that neither rewards nor penalizes the offeror.

(j) Proposals which are unrealistic in terms of technical or schedule commitments or unrealistically high or low in cost may be deemed reflective of an inherent lack of technical competence, or indicative of a failure to comprehend the complexity and risks of the proposed work, and may be grounds for rejection of the proposal. If the proposed contract requires the delivery of data, the quality of organization and writing reflected in the proposal will be considered to be an indication of the quality of organization and writing which would be prevalent in the proposed deliverable data. Subjective judgment on the part of the Government evaluators is implicit in the entire process. Throughout the evaluation, the Government will consider "correction potential" when a deficiency is identified.

(k) Although cost is the least important evaluation factor, it will not be ignored. The degree of importance of the cost will increase with the degree of equality of the proposals in relation to the other factors on which selection is to be based.

(l) In evaluating cost type offers, realism of the offeror's estimated cost will be considered. "Realism of Estimated Cost" is determined by reference to the costs which the offeror can reasonably be expected to incur in performance of the contract in accordance with the offer. Unrealistic personnel compensation rates will be considered in the cost realism analysis and may be considered in the technical analysis which could reduce the technical score. The purpose of the evaluation is to: (1) verify the offeror's understanding of the requirements; (2) assess the degree to which the cost proposal reflects the approaches and/or risk that the offeror will provide the supplies or services at the proposed costs; and (3) assess the degree to which the cost included in the cost proposal accurately represents the effort described in the technical proposal. The proposed costs may be adjusted for purposes of evaluation based on the results of the cost realism evaluation.

(m) The Government may award a contract on the basis of initial offers received, without discussions. Therefore, each initial offer should contain the offeror's best terms from a cost or price and technical standpoint. However, if considered necessary by the Contracting Officer, discussions will be conducted with only those offerors determined to have a reasonable chance for award.

(n) The Government reserves the right to make an award to other than the lowest priced offeror or to the offeror with the highest technical score if the Contracting Officer determines that to do so would result in the greatest value to the Government.

HQ M-2-0001 BASIS OF AWARD (NAVSEA) (SEP 1990)

ALL UNITS OF ALL ITEMS WILL BE AWARDED TO ONE OFFEROR. OFFERS, THEREFORE, MUST BE ON THE BASIS OF FURNISHING ALL UNITS OF ALL ITEMS.

(2 Data Items)

The public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
<i>[Signature]</i>	4/3/03	<i>[Signature]</i>	4/3/03

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST

(2 Data Items)

Form Approved

OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY:
TDP _____ TM _____ OTHER _____

D. SYSTEM/ITEM ELECTRO. ENVIRON. EFFECTS E. CONTRACT/PR NO. F. CONTRACTOR

1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE
A003 TEST/INSPECTION REPORT

4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE
DI-NDTI-80809B SOW PARA. C.6.5 NSWCDD J507

7. DD 250 REQ LT 9. DIST STATEMENT REQUIRED 10. FREQUENCY ASREQ 12. DATE OF FIRST SUBMISSION ASREQ 14. DISTRIBUTION
8. APP CODE 11. AS OF DATE N/A 13. DATE OF SUBSEQUENT SUBMISSION
a. ADDRESSEE b. COPIES
Draft Final
Reg Repro

16. REMARKS
CONTRACTOR'S FORMAT ACCEPTABLE. COR COPIES SHALL BE SUBMITTED IN ELECTRONIC MEDIA FORMAT (CD OR ZIP DISK)
NSWCDD:
J507
(WIDMEYER)
15. TOTAL → 3

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE
A004 PRESENTATION MATERIAL

4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE
DI-ADMN-81373 SOW PARA. C.6.5 NSWCDD J507

7. DD 250 REQ LT 9. DIST STATEMENT REQUIRED 10. FREQUENCY ASREQ 12. DATE OF FIRST SUBMISSION ASREQ 14. DISTRIBUTION
8. APP CODE 11. AS OF DATE N/A 13. DATE OF SUBSEQUENT SUBMISSION N/A
a. ADDRESSEE b. COPIES
Draft Final
Reg Repro

16. REMARKS
CONTRACTOR'S FORMAT ACCEPTABLE. COR COPIES SHALL BE SUBMITTED IN ELECTRONIC MEDIA FORMAT (CD OR ZIP DISK)
NSWCDD:
J507
(WIDMEYER)
15. TOTAL → 3

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

G. PREPARED BY H. DATE I. APPROVED BY J. DATE
4/3/03 James A. Tarture 4/3/03

CONTRACT DATA REQUIREMENTS LIST

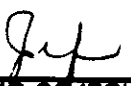
(2 Data Items)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY: TDP _____ TM _____ OTHER _____			
D. SYSTEM/ITEM ELECTRO. ENVIRON. EFFECTS		E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. A005	2. TITLE OF DATA ITEM REPORT, RECORD OF MEETING MINUTES			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81505		5. CONTRACT REFERENCE SOW PARA. C.6.5		6. REQUIRING OFFICE NSWCDD J507			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY SEE BLK. 16	12. DATE OF FIRST SUBMISSION SEE BLK. 16	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES		
16. REMARKS BLK. 4: CONTRACTOR'S FORMAT ACCEPTABLE. BLKS. 10 AND 12: MINUTES SHALL BE SUBMITTED SEVEN (7) WORKING DAYS AFTER EACH MEETING. COR COPIES SHALL BE SUBMITTED IN ELECTRONIC MEDIA (CD OR ZIP DISK)				Draft	Final		
					Reg	Repro	
				NSWCDD:			
				J507		3	0
				(WIDMEYER)			
15. TOTAL →				3			

1. DATA ITEM NO. A006	2. TITLE OF DATA ITEM TEST PLAN			3. SUBTITLE E3 TEST PLAN			
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80566		5. CONTRACT REFERENCE SOW PARA. C.8		6. REQUIRING OFFICE NSWCDD J507			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION ASREQ	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A	a. ADDRESSEE	b. COPIES		
16. REMARKS BLK. 12: TEST PLAN SHALL BE SUBMITTED PRIOR TO TESTING NAVAL AND JOINT ELECTRONIC SYSTEMS. COR COPIES SHALL BE SUBMITTED IN ELECTRONIC MEDIA (CD OR ZIP DISK)				Draft	Final		
					Reg	Repro	
				NSWCDD:			
				J507		3	0
				(WIDMEYER)			
15. TOTAL →				3			

G. PREPARED BY 		H. DATE 4/3/03	I. APPROVED BY James L. Fortune	J. DATE 4/3/03
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST

(2 Data Items)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY:
TDP _____ TM _____ OTHER _____

D. SYSTEM/ITEM ELECTRO. ENVIRON. EFFECTS E. CONTRACT/PR NO. F. CONTRACTOR

1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE
A007 TECHNICAL REPORT-STUDY/SERVICES SUMMARY OF ACTIVITIES

4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE
DI-MISC-80508A SOW PARA. C.8.1.1 NSWCDD J507

7. DD 250 REQ LT 8. DIST STATEMENT REQUIRED 9. FREQUENCY OTIME 10. DATE OF FIRST SUBMISSION 45 DAC 11. AS OF DATE N/A 12. DATE OF SUBSEQUENT SUBMISSION
14. DISTRIBUTION a. ADDRESSEE b. COPIES Draft Reg Final

16. REMARKS
BLK. 4: CONTRACTOR'S FORMAT ACCEPTABLE.
COR COPIES SHALL BE SUBMITTED IN ELECTRONIC MEDIA (CD OR ZIP DISK)
NSWCDD: J507 (WIDMEYER)
15. TOTAL 3

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE
A008 TEST/INSPECTION REPORT FINAL TEST REPORT

4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE
DI-NDTI-80809B SOW PARA. C.8.1.2 NSWCDD J507

7. DD 250 REQ LT 8. DIST STATEMENT REQUIRED 9. FREQUENCY ASREQ 10. DATE OF FIRST SUBMISSION ASREQ 11. AS OF DATE N/A 12. DATE OF SUBSEQUENT SUBMISSION N/A 14. DISTRIBUTION a. ADDRESSEE b. COPIES Draft Reg Final

16. REMARKS
BLK. 4: TEST REPORT SHALL DEFINE OBJECTIVES, RESULTS, ANALYSIS, AND RECOMMENDATIONS FOR CORRECTIVE ACTIONS AND MODIFICATIONS, CONTRACTOR FORMAT ACCEPTABLE.
COR COPIES SHALL BE SUBMITTED IN ELECTRONIC MEDIA (CD OR ZIP DISK)
NSWCDD: J507 (WIDMEYER)
15. TOTAL 3

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY H. DATE I. APPROVED BY J. DATE
4/3/03 James L. Fathure 4/3/03

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
		TDP _____ TM _____ OTHER _____

D. SYSTEM/ITEM ELECTRO. ENVIRON. EFFECTS	E. CONTRACT/PR NO.	F. CONTRACTOR
---	--------------------	---------------

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A009	CONTRACTOR'S PROGRESS, STATUS AND MANAGEMENT REPORT	

4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80227	5. CONTRACT REFERENCE SOW PARA. C.8.1.3	6. REQUIRING OFFICE NSWCDD J507
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY MTHLY	12. DATE OF FIRST SUBMISSION 30 DAC	14. DISTRIBUTION
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8. APP CODE	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION	14. ADDRESSEE	b. COPIES	
				Draft	Final

16. REMARKS		Reg	Repro
BLK. 4: CONTRACTOR'S FORMAT ACCEPTABLE. COR COPIES SHALL BE SUBMITTED IN ELECTRONIC MEDIA (CD OR ZIP DISK)	NSWCDD:		
	J507	3	0
	(WIDMEYER)		
	XDS13-1		
	(SAMULEVICH)	1	
18. TOTAL →	4		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A010	TECHNICAL REPORT-STUDY/SERVICES	TRIP REPORT

4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80809B	5. CONTRACT REFERENCE SOW PARA. C.10	6. REQUIRING OFFICE NSWCDD 1507
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BK K 16	14. DISTRIBUTION
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8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES	
	N/A			Draft	Final

		N/A	N/A		Dist	Reg	Repro
18. REMARKS				NSWCDD:			

J507		3	0
(WIDMEYER)			

BLK. 12: REPORT SHALL BE SUBMITTED FIFTEEN (15) DAYS AFTER EACH TRIP			

FOR COPIES SHALL BE SUBMITTED IN ELECTRONIC MEDIA

FOR COPIES SHALL BE SUBMITTED IN ELECTRONIC MEDIA (CD OR ZIP DISK)				

[illegible][illegible]

G. PREPARED BY		H. DATE	I. APPROVED BY	J. DATE	15. TOTAL	3
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Jef	4/3/03	James L. Fortune	4/3/03
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17. PRICE GROUP

**18. ESTIMATED
TOTAL PRICE**

17. PRICE GROUP18. ESTIMATED
TOTAL PRICE

DEPARTMENT OF DEFENSE #005-03 CONTRACT SECURITY CLASSIFICATION SPECIFICATION

(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)

1. CLEARANCE AND SAFEGUARDING

a. FACILITY CLEARANCE REQUIRED

SECRET

b. LEVEL OF SAFEGUARDING REQUIRED

SECRET

2. THIS SPECIFICATION IS FOR: (x and complete as applicable)

a. PRIME CONTRACT NUMBER	
b. SUBCONTRACT NUMBER	
c. SOLICITATION OR OTHER NUMBER	Due Date (YYMMDD)

3. THIS SPECIFICATION IS: (x and complete as applicable)

a. ORIGINAL (Complete date in all cases)	Date (YYMMDD)
b. REVISED (Supersedes all previous specs)	Revision No. Date (YYMMDD)
c. FINAL (Complete item 5 in all cases)	Date (YYMMDD)

4. IS THIS A FOLLOW-ON CONTRACT?

YES

☒ NO

If Yes, complete the following:

Classified material received or generated under (Preceding Contract Number) is transferred to this follow-on contract.

5. IS THIS A FINAL DD FORM 254?

YES

☒ NO

If Yes, complete the following:

In response to the contractor's request dated retention of the identified classified material is authorized for the period of

6. CONTRACTOR (Include Commercial and Government Entity (CAGE) Code)

a. NAME, ADDRESS, AND ZIP CODE	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)
--------------------------------	--------------	--

7. SUBCONTRACTOR

a. NAME, ADDRESS AND ZIP CODE	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)
-------------------------------	--------------	--

8. ACTUAL PERFORMANCE

a. LOCATION	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)
-------------	--------------	--

9. GENERAL IDENTIFICATION OF THIS PROCUREMENT

ELECTROMAGNETIC INTERFERENCE/ELECTROMAGNETIC COMPATIBILITY (EMI/EMC) SUPPORT SERVICES

10. THIS CONTRACT WILL REQUIRE ACCESS TO:		YES	NO	11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:		YES	NO
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION		<input checked="" type="checkbox"/>		a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY			<input checked="" type="checkbox"/>
b. RESTRICTED DATA		<input checked="" type="checkbox"/>		b. RECEIVE CLASSIFIED DOCUMENTS ONLY			<input checked="" type="checkbox"/>
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION		<input checked="" type="checkbox"/>		c. RECEIVE AND GENERATE CLASSIFIED MATERIAL	<input checked="" type="checkbox"/>		
d. FORMERLY RESTRICTED DATA		<input checked="" type="checkbox"/>		d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE			<input checked="" type="checkbox"/>
e. INTELLIGENCE INFORMATION:				e. PERFORM SERVICES ONLY			<input checked="" type="checkbox"/>
(1) Sensitive Compartmented Information (SCI)			<input checked="" type="checkbox"/>	f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES			<input checked="" type="checkbox"/>
(2) Non-SCI		<input checked="" type="checkbox"/>		g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER	<input checked="" type="checkbox"/>		
f. SPECIAL ACCESS INFORMATION			<input checked="" type="checkbox"/>	h. REQUIRE A COMSEC ACCOUNT			<input checked="" type="checkbox"/>
g. NATO INFORMATION		<input checked="" type="checkbox"/>		i. HAVE TEMPEST REQUIREMENTS			<input checked="" type="checkbox"/>
h. FOREIGN GOVERNMENT INFORMATION			<input checked="" type="checkbox"/>	j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS			<input checked="" type="checkbox"/>
i. LIMITED DISSEMINATION INFORMATION			<input checked="" type="checkbox"/>	k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE			<input checked="" type="checkbox"/>
j. FOR OFFICIAL USE ONLY INFORMATION		<input checked="" type="checkbox"/>		l. OTHER (Specify)			
k. OTHER (Specify)							

12. **PUBLIC RELEASE.** Any information (classified or unclassified) pertaining to this contract shall not be released for public dissemination except as provided by the industrial Security Manual or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release.

☐ Direct ☒ Through (Specify):

COMMANDER, NAVAL SURFACE WARFARE CENTER

CODE CD206, DAHLGREN, VA 22448-5100

to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs)* for review
*In the case of non-DoD User Agencies, requests for disclosure shall be submitted to that agency.

13. **SECURITY GUIDANCE.** The security classification guidance needed for this classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes; to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract; and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any documents/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.)

SEE ATTACHED SHEETS

SCOTT W. WIDMEYER, Code J507, (540)653-3456

Contracting Officer's Representative

Estimated Expiration Date:

14. **ADDITIONAL SECURITY REQUIREMENTS.** Requirements, in addition to ISM requirements are established for this contract. (If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.)

☒ Yes ☐ No

ALL INFORMATION SYSTEMS AND COMPONENTS (E.G., COMPUTERS, NETWORKS, AND PERIPHERAL DEVICES) WILL BE ACCREDITED BY THE COGNIZANT NSWCDD DESIGNATED APPROVING AUTHORITY PRIOR TO USE UNDER THIS CONTRACT.

15. **INSPECTIONS.** Elements of this contract are outside the inspection responsibility of the cognizant security office. (If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use Item 13 if additional space is needed.)

☐ Yes ☒ No

16. **CERTIFICATION AND SIGNATURE.** Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

a. TYPED NAME OF CERTIFYING OFFICIAL

b. TITLE

c. TELEPHONE (Include Area Code)

GLORIA E. ELMORE

Contracting Officer's Security Representative

(540)653-8723

d. ADDRESS (Include Zip Code)

COMMANDER, DAHLGREN DIVISION
NAVAL SURFACE WARFARE CENTER, CODE XDC94
DAHLGREN, VA 22448-5100

e. SIGNATURE

17. **REQUIRED DISTRIBUTION**

- ☒ a. CONTRACTOR
☐ b. SUBCONTRACTOR
☒ c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR
☐ d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION
☒ e. ADMINISTRATIVE CONTRACTING OFFICER
☒ f. OTHERS AS NECESSARY

CONTINUATION SHEET - DD FORM 254

All reports containing scientific/technical information (both classified and unclassified) will be marked on both the cover and title page with the following distribution statement: (For Intelligence Data - See Statement Below)*:

"Distribution authorized to U.S. GOVERNMENT AGENCIES ONLY; TEST AND EVALUATION"; (Date statement applied). Other requests for this document must be referred to Commander, Dahlgren Division, Naval Surface Warfare Center, Code J507, Dahlgren, VA 22448-5100.

*Intelligence data reports - distribution statement as follows: "FURTHER DISSEMINATION ONLY AS DIRECTED BY COMMANDER, DAHLGREN DIVISION, NAVAL SURFACE WARFARE CENTER (CODE T53), DAHLGREN, VA 22448-5100 (DATE APPLIED) OR THE OFFICE OF NAVAL INTELLIGENCE (ONI-52)",

All technical data provided to the contractor by the government will be protected from public disclosure in accordance with the markings contained thereon. All other information relating to the items to be delivered or services to be performed under this contract may not be disclosed by any means without prior approval of the authorized representative of the contracting officer. Dissemination or public disclosure includes, but is not limited to, permitting access to such information by foreign nationals or by any other person or entity; publication of technical or scientific papers; advertising; or any other proposed public release. The contractor shall provide adequate physical protection to such information as to preclude access by any person or entity not authorized such access by the government.

Due to the sensitivity of this program, no classified material received or generated under this contract will be transferred to any other contractor or agency without the approval of the Contracting Officer or Contracting Officer's Representative (COR). For intelligence data reports see the intelligence supplement.

Information on this contract is not releasable to personnel possessing reciprocal clearances without the written approval of NSWCDD. For intelligence data reports see the intelligence supplement.

CONTINUATION SHEET - DD FORM 254

All classified visit requests for activities other than Intelligence Community (IC) activities (i.e. DOD or national intelligence agencies) shall have "NEED-TO-KNOW" certified by the individual identified in Item 13... Visit requests for subcontractors to activities other than IC activities will have "NEED-TO-KNOW" certified by the prime contractor. Requests for all visits to IC activities shall have "NEED-TO-KNOW" certified by the NSWCDD Senior Intelligence Officer (SIO). All requests shall contain the information required by Chapter 6, NISPOM. The time limit on all certifications shall not exceed the contract expiration date. Certifications to IC activities shall be on a case-by-case basis.

All classified visit requests for the Dahlgren Division, Naval Surface Warfare Center should be forwarded to the Visitor Control Office no later than five (5) working days prior to intended visit.

Any material produced under the terms of this contract will be classified directly from the source document(s) from which it was obtained. It will be marked with the most restrictive downgrading/declassification statement contained in such documents.

CONTINUATION SHEET - DD 254

INTELLIGENCE INFORMATION

Intelligence information required in connection with performance shall be acquired under the direction of the Dahlgren Division, Naval Surface Warfare Center (NSWCDD) Scientific and Technical Intelligence Office (STILO), Code T53. Foreign intelligence will be provided in accordance with DOD Directive, DOD-0000-151C-95, DODIPP Production Procedures; OPNAV Instructions 3880.6 and 3811.1C and NSWCDD Instructions 3880.6A and 3811.1C.

The following conditions of release apply to Foreign Intelligence information.

a. The material does not become the property of the contractor and may be withdrawn at any time. Upon expiration of the contract, all foreign intelligence released and any material using data from such intelligence shall be returned to the NSWCDD Senior Intelligence Officer (SIO) for final disposition. Only with the prior authorization of the Office of Naval Intelligence (ONI-52) via the NSWCDD SIO may the contractor retain such material.

b. The contractor shall not release the foreign intelligence material to any activity or person of the contractors organization not directly engaged in providing services under the contract or to another contractor (including subcontractors), government agency, private individual, or organization without prior approval of the NSWCDD SIO, or ONI-52 via the NSWCDD SIO.

c. Intelligence material shall not be released to foreign nationals or immigrant aliens who may be employed by the contractor, regardless of the level of their security clearance or access authorization, without the prior approval of ONI-52 via the NSWCDD SIO.

d. Intelligence material shall not be reproduced without prior approval of the NSWCDD SIO, or ONI-52 via the NSWCDD SIO. All intelligence material shall bear a prohibition against reproduction while in the custody of the contractor.

CONTINUATION SHEET - DD FORM 254

e. The contractor shall maintain records which contain the names of all individuals granted access to foreign intelligence material in the contractor's custody. These records shall be furnished to the NSWCDD Contracting Officer or the NSWCDD SIO on demand. The contractor shall ensure all individuals granted access to foreign intelligence information are aware of and abide by the controls set forth above.

Foreign intelligence is defined in SECNAVINST 5510.36 as the product from the collection, evaluation, analysis, integration, and interpretation of intelligence information about a foreign power and which is significant to the national security, foreign relations, or economic interests of the U.S. and which is provided by a Government agency that is assigned an intelligence mission.

+

To: _____

Subject: PAST PERFORMANCE QUESTIONNAIRE:

The Naval Surface Warfare Center, Dahlgren Division, Dahlgren, Virginia is conducting a competitive best value source selection under solicitation **N00178-03-R-3060**. We have requested the offerors for this solicitation to distribute this Past Performance Questionnaire to their customers with whom they have had active contracts over the last 3 years. You are requested to complete this questionnaire and FAX or mail it to the address shown below within 2 weeks of your receipt of this document. Past Performance is a significant source selection factor and it is important that this offeror receives a prompt and thorough response from its customers. Your cooperation is greatly appreciated.

FAX to: Katie Samulevich, Code XDS13-1
FAX (540) 653-6810
Voice (540) 653-7765
Email to: samulevichkl@nswc.navy.mil
Or Mail to: Contracting Officer
Naval Surface Warfare Center Dahlgren Division
Attn: William T. Armstrong, Code XDS13
17320 Dahlgren Road
Dahlgren, Virginia 22448-5100

(To be completed by the Offeror before mailing to the customer.)

Offeror Name and Address: _____

Prime Contractor _____ Subcontractor _____

Customer Name and Address: _____

Customer Telephone Number: _____

Contract Number: _____

Period of Performance: _____

Total Contract Amount/Price: _____

Upon completion of this form it becomes Source Selection Information in accordance with FAR 3.104.

PAST PERFORMANCE QUESTIONNAIRE

To be completed by the customer

(Please complete the questionnaire and FAX it to Katie Samulevich, Code XDS13-1, (540) 653-7765 or mail/email it to the address on the previous page.)

I. CONTRACT IDENTIFICATION

A. CONTRACTOR: _____

B. CONTRACT NO.: _____

C. CONTRACT TYPE: _____

D. COMPETITIVE AWARD () YES () NO

E. PERIOD OF PERFORMANCE: _____

F. TOTAL CONTRACT AMOUNT/PRICE: \$ _____

G. DESCRIPTION OF PRODUCT AND/OR SERVICES PROVIDED: _____

H. LOCATION OF CONTRACT PERFORMANCE: _____

I. MAJOR SUBCONTRACTORS: _____

J. WAS THE CONTRACT TERMINATED FOR DEFAULT: () YES () NO

K. CUSTOMER/AGENCY IDENTIFICATION

AGENCY/CORPORATE NAME: _____

ADDRESS: _____

POINT OF CONTACT/TELEPHONE: _____

SIGNATURE OF RESPONDENT: _____

II. PAST PERFORMANCE EVALUATION

(Please circle the most appropriate answers and provide comments where needed to explain the assigned ratings.)

A. Quality of Products or Services

1. The quality of products/services received under the contract was:

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

2. The quality of the Contractors required reports and documentation was:

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

3. The quality of the Contractors overall technical performance, including compliance with contract requirements, commitment of Key Personnel to the project (if appropriate), and fulfillment of warranties (if required) was:

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

B. Timeliness of Performance (Schedule)

1. The Contractors timeliness in meeting interim milestones was:

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

2. The Contractors timeliness in completing the entire effort, including wrap-up and contract administration was:

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

3. Were liquidated damages ever assessed for failure to meet schedule?

___ NO ___ YES (please explain below)

COMMENTS: _____

C. Cost Control

1. If work was done under a cost-type contract, the contractor's ability to perform within the estimated cost was:

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

2. The contractor's performance in submitting billings, which were complete, current, accurate, and without duplicate billings or unallowable costs was:

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

3. The contractor's performance in responding to change orders and the submission of timely and well-supported cost proposals was:

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

D. Business Relations

1. The Contractors record of effective management to meet contract requirements, including management of subcontractors was:

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

2. The Contractors reliability in carrying out the effort, including prompt notification of problems, was:

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

3. The Contractors demonstrated ability to be reasonable, to be cooperative and flexible when appropriate, and to respond to technical guidance and direction was:

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

E. Management of Key Personnel

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

F. Overall Customer Satisfaction

1. The contractor's performance in regards to overall customer satisfaction was:

OUTSTANDING GOOD SATISFACTORY MARGINAL UNACCEPTABLE

COMMENTS: _____

Ddl-J20 ATTACHMENT J.4 - VALUE ENGINEERING GUIDE

Navy Value Engineering Guide for Contractors

1. Introduction.

The Navy has revitalized its Value Engineering (VE) program based on direction from the highest levels within the Department. This renewed VE effort is evident in the annual VE savings goals and training requirements already promulgated throughout the Navy Contracting System. To monitor and enhance the effectiveness of this initiative, the achievement of VE objectives has been incorporated, where appropriate, into Navy personnel performance appraisals. The policy of realizing maximum VE application in Navy contracts is being implemented and carefully reviewed throughout all levels of the Department of the Navy. However, to ensure this program's success, the active support, cooperation, and participation of the contractor community is required. We strongly invite your interest and involvement in the VE program, and believe that the mutual benefits realized thereby will be readily apparent in the following overview of VE methodology and procedures.

2. Definitions, Policy and Procedures.

a. VE is a process of systematically analyzing functional requirements to achieve the essential functions in the most cost effective manner consistent with requisite performance, reliability/maintainability, and safety standards. It shares the same basic objectives and philosophy as other value improvement terms such as Value Analysis, Value Control, Value Management, etc. As a management discipline, VE has been successfully applied across the entire spectrum of the acquisition and support process. Its application is not and should not be limited by the term "engineering" to hardware design and production. VE is a fundamental approach which challenges even basic premises (including the need for the product's existence) in light of viable substitutes. Because of this perspective, VE may be applied to systems, equipment, facilities, procedures, methods, software and supplies. VE's application in these various areas has resulted in more suitable products, cost savings and increased profits to the contractors.

b. Contractors participate in the Navy VE program by two (2) means:

(1) Voluntarily suggest methods for performing more economically and share in any resulting savings. Known as the "incentive" approach.

(2) Comply with contract clauses which require a specific program be established to identify and submit to the Government methods for performing more economically. This requirement is incorporated as a separate priced line item of the contract and must meet minimum requirements of MIL-STD-1771. Known as the "Program Requirement" or "Mandatory" approach.

c. Basic policies for the VE program are set forth in FAR 48.102. Key features include:

(1) Agencies shall provide contractors a substantial financial incentive to develop and submit VECP's.

(2) Agencies shall provide contractors objective and expeditious processing of VECP's.

(3) Agencies shall encourage subcontractors to submit VECP's by requiring the prime to incorporate VE clauses in appropriate subcontracts.

(4) VE incentive payments do not constitute profit or fee within the limitation imposed by 10 U.S.C. 2036(d) and 41 U.S.C. 254(b).

d. VECP's can significantly increase profit. Contractors may share up to 55% of net savings, 50% of royalties and 20% of annual collateral savings when their cost reduction idea are adopted.

e. VE program output can be considerably improved through the formal training of the personnel involved. Such training is available on-site from private VE consultants and varies from straight classroom instruction to actual "hands-on" in-house VE projects guided by the instructor. This type of training may be tailored to the company's needs. The Government has two VE courses available. The "Contractual Aspects of VE" (CAVE), taught by the United States Air Force Institute of Technology School of Systems and Logistics at Wright Patterson Air Force Base; and the "Principles and Applications of VE" (PAVE), taught by the Army Management Engineering Training Activity at Rock Island. Both the CAVE and PAVE courses are open to Government contractor personnel on a space available basis and attendance is encouraged.

3. VE Methodology.

It is unnecessary for contractors to "reinvent the wheel" by making large investments of time/energy/money to develop formal VE analysis techniques. A formal methodology consisting of seven (7) distinct elements has already been developed, tested and proven in extended use over the years. This methodology (as shown in the DOD Manufacturing Management Handbook for Program Managers) may be applied from the component level up to and including entire systems. In specific cases, some elements may be considered "givens" and rigidly following the elements in sequence may not be necessary. These seven (7) elements are :

(1) VE Project Selection - The choice of system, service, hardware, component, requirement, etc., for VE application.

(2) Determination of Function - Analysis and definition of the function of the selected VE project to answer the question. "What does it do?" The function itself may be questioned (i.e., is it necessary?).

(3) Information Gathering - Collection and assembly of all necessary information concerning the VE item selected. Allows the VE personnel to become intimately familiar with the item while answering the questions, "What does it cost?" and "What is this function worth?"

(4) Development of Alternatives - Perhaps the most important element of the seven. Where an alternative is being sought, the use of free imagination, tempered with experience, will develop the best ideas. In initial "brainstorming" sessions, all ideas, even the wildest, should be duly recorded and considered. Don't constrain yourself to a conservative approach at this time. This element will provide an answer to the question, "What else can perform this function?".

(5) Analysis of Alternatives - Through this analysis, it is possible to "weed out" those ideas which appear technically or financially unfeasible. This analysis permits the selection of an alternative(s) for further feasibility testing based on the resulting cost estimates. This element answers the question, "What is the cost of the alternative(s)?".

(6) Feasibility Testing and Function Verification - Determines that the selected alternative(s) can perform the required function and are technically feasible. A variable alternative must provide the essential functional performance and be capable of being implemented. This element provides answers to the questions, "Are the alternatives technically feasible?" and "Does the alternative provide the essential function?".

(7) Preparation and Submission of Proposals - The final section, documentation and formal VECP preparation of the alternative. The VECP must be prepared and submitted in accordance with the requirements of the contract.

Additional detailed guidance in utilizing formal VE methodology may be found in DOD Handbook 5010.8-H "Value Engineering" as well as in courses called out in paragraph 2e above.

4. Sharing Mechanisms.

VE shall be implemented in Navy contracts by clauses identifying either the "incentive" or "mandatory" methods discussed in paragraph 2b above. The following table summarizes possible sharing arrangements under the different methods and by type of contract.

GOVERNMENT/CONTRACTOR SHARES OF NET ACQUISITION SAVINGS (figures in percent)

Sharing Agreement

Incentive (Voluntary)		Program Requirement (Mandatory)		
Contract Type	Instant contract rate	Concurrent and future rate	Instant contract rate	Concurrent and future rate
Fixed-price (other than incentive) 75/25		50/50	50/50	75/25

Incentive (fixed-price or cost) 75/25	*	50/50	*
Cost-reimbursement (other than incentive) 85/15	75/25	75/25	85/15

*Same sharing arrangements as the contract's profit or fee adjustment formula.

**Includes cost-plus-award-fee contracts.

A contractor may be entitled to share in VE savings in two (2) different ways. The first results from savings on the acquisition of the product. Acquisition savings may accrue on your current contract, on other concurrent contracts where the VECP savings applies and on future contracts which incorporate the VECP. The other type of savings is collateral savings. Collateral savings are those in any other area such as logistics support, operations or other ownership savings which accrue to the Government as a result of accepting a VECP. The contractor is entitled to share in both acquisition savings and collateral savings. The extent of the sharing and types of savings shared are to be negotiated on a case-by-case basis depending on the nature of the VECP and subject to the sharing limits of the above table.

Survey Equipment

2	NA	STE	Dipole Antenna Kit	3121	257	Eaton	\$2,050.00
3	NA	STE	Dipole Antenna Kit	3121	256	Eaton	\$2,050.00
4	MINOR139582	STE	Double Ridged Horn 1-18 GHz	3115	9609-4938	EMCO	\$2,425.00
5	NA	STE	Double Ridged Horn 1-18 GHz	3115	2860	EMCO	\$2,425.00
6	NA	STE	Double Ridged Horn 1-18 GHz	3115	2861	EMCO	\$2,425.00
7	NA	STE	Double Ridged Horn 1-18 GHz	3115	2862	EMCO	\$2,425.00
8	NA	STE	Horn P/N: 1199 43 GHz	9617	N/A	Waveline, Inc	\$1,500.00
9	NA	STE	Horn P/N: 1199 43 GHz	9617	N/A	Waveline, Inc	\$1,500.00
10	NA	STE	Horn P/N: 1199 43 GHz	9617	N/A	Waveline, Inc	\$1,500.00
11	NA	STE	Tripod Antenna Kit	YA-70	N/A	Yaesu	\$225.00
12	NA	STE	Tripod Antenna Kit	YA-70	N/A	Yaesu	\$225.00
13	NA	STE	Whip Antenna	RSL-70	N/A	Yaesu	\$50.00
14	NA	STE	Whip Antenna	RSL-70	N/A	Yaesu	\$50.00
15	NA	STE	10 dB Attenuator	23-10-34	N/A	Weinschel	\$560.00
16	NA	STE	10 dB Attenuator	23-10-34	AP9189	Weinschel	\$560.00
17	NA	STE	10 dB Attenuator	23-10-33	N/A	Weinschel	\$140.00
18	NA	STE	10 dB waveguide Attenuator 43 GHz	1106-10	N/A	Waveline, Inc	\$1,000.00
19	NA	STE	10 dB waveguide Attenuator 43 GHz	1106-10	N/A	Waveline, Inc	\$1,000.00
20	NA	STE	20 dB Attenuator	35-20-34	N/A	Weinschel	\$195.00
21	NA	STE	20 dB Attenuator	23-20-34	N/A	Weinschel	\$280.00
22	NA	STE	20 dB Attenuator	23-20-34	AM336S	Weinschel	\$280.00
23	NA	STE	20 dB Attenuator	23-20-23	N/A	Weinschel	\$140.00
24	NA	STE	20 dB Attenuator	35-20-34	N/A	Weinschel	\$195.00
25	NA	STE	20 dB Attenuator	22	1100	Weinschel	\$140.00
26	NA	STE	20 dB waveguide Attenuator 43 GHz	1106-20	N/A	Waveline, Inc	\$1,000.00
27	NA	STE	Battery Charger	NC-29	N/A	Yaesu	\$83.00
28	NA	STE	Battery Charger	NC-29	N/A	Yaesu	\$83.00
29	NA	STE	Battery Charger	NC-29	N/A	Yaesu	\$83.00
30	NA	STE	Battery Charger	NC-29	N/A	Yaesu	\$83.00
31	NA	STE	Battery Charger	NC-70	N/A	Yaesu	\$83.00
32	NA	STE	Battery Charger	NC-70	6H040194	Yaesu	\$195.00
33	NA	STE	Battery Charger	NC-29	6H040193	Yaesu	\$195.00
34	NA	STE	Battery Charger	NC-29	N/A	Yaesu	\$83.00
35	0400338	STE	Battery Optimizer	MZ 1500	915-00208	Alexander Batteries	\$83.00
36	0400299	STE	Battery Pack	FNB-70	6G040073	Yaesu	\$424.00
37	0400298	STE	Battery Pack	FNB-70	6G040071	Yaesu	\$195.00
38	NA	STE	Battery Optimizer	2003	203-001771	Alexander Batteries	\$900.00
39	NA	STE	Integral Personal Computer	207	2508A02621	HP	\$700.00
40	NA	STE	Integral Personal Computer	207	2506A02143	HP	\$700.00
41	MINOR109961	STE	Personal Computer w/ keyboard	N/A	N/A	N/A	\$2,100.00

Survey Equipment

42	NA	STE	Portable CD ROM	AECDF20X	18603131	Addonics Tech	\$356.00
43	MINOR145136	OPE	Portable Computer	Solo	N/A	Gateway	\$3,300.00
44	MINOR145142	OPE	Portable Computer	Solo	N/A	Gateway	\$3,300.00
45	MINOR145137	OPE	Portable Computer	Solo	N/A	Gateway	\$3,300.00
46	MINOR145257	STE	Field Works F7000 Seires Portable Computer	FW/633P	7550306	Fieldworks, Inc	\$7,000.00
47	NA	STE	Shipping container	110X	N/A	Zero	\$222.50
48	NA	STE	Shipping container	110X	N/A	Zero	\$222.50
49	NA	STE	Shipping container	110X	N/A	Zero	\$222.50
50	NA	STE	Shipping container	110X	N/A	Zero	\$222.50
51	NA	STE	Shipping Container	105X	N/A	Zero	\$159.60
52	NA	STE	Shipping Container	102X	N/A	Zero	\$139.47
53	NA	STE	Shipping container	110X	N/A	Zero	\$222.50
54	NA	STE	Shipping Container	102X	N/A	Zero	\$139.47
55	NA	STE	Shipping Container	102X	N/A	Zero	\$139.47
56	NA	STE	Shipping Container	102X	N/A	Zero	\$139.47
57	NA	STE	Shipping container	114X	N/A	Zero	\$190.00
58	NA	STE	Shipping Container	132X	N/A	Zero	\$266.48
59	NA	STE	Shipping Container	3114	N/A	N/A	\$1,393.00
60	NA	STE	Transit Case	AL3022-0705	N/A	N/A	\$315.00
61	NA	STE	Transit Case	N/A	N/A	N/A	\$390.00
62	NA	STE	HF field Intensity Meter	4120221	3	Space Projects	\$10,000.00
63	MINOR132234D	STE	HF field Intensity Meter	4120221	1	Space Projects	\$10,000.00
64	MINOR146488	STE	HF Field Intensity Meter	4120221	6	Space Projects	\$10,000.00
65	NA	STE	HF Field Intensity Meter	4120221	9	Space Projects	\$10,000.00
66	NA	STE	HF Field Intensity Meter	4120221	10	Space Projects	\$10,000.00
67	MINOR146487	STE	HF field Intensity Meter	4120221	8	Space Projects	\$10,000.00
68	NA	STE	HF field Intensity Meter-	4120221	7	Space Projects	\$10,000.00
69	MINOR146980	STE	HF field Intensity Meter	4120221	5	Space Projects	\$10,000.00
70	MINOR146979	STE	HF field Intensity Meter	4120221	4	Space Projects	\$10,000.00
71	MINOR146977	STE	HF field Intensity Meter	4120221	2	Space Projects	\$10,000.00
72	NA	STE	Connector Kit	TP1-3000	N/A	Test	\$139.00
73	NA	STE	Connector Kit	4240-400	N/A	Bird	\$166.00
74	NA	STE	Connector Kit	4240-400	N/A	Bird	\$166.00
75	0400341	STE	Connector Kit	TP1-3000	N/A	Test	\$139.00
76	NA	STE	Dummy Load	8164	1420	Bird	\$100.00
77	MINOR144684	STE	EME Survey Meter	8718	1552	Narda	\$2,000.00
78	94938006129	STE	Line stablconditioner	LC-1800	N/A	Trippe	\$239.00
79	NA	STE	Microwave Radiation 12 GHz Source	8699	5138	Narda	\$500.00
80	94938006154	STE	Motorized antenna mast	AMS-4	N/A	A.H. Systems INC	\$5,000.00
81	NA	STE	Multimeter	771AN	402745	Fluke	\$250.00
82	MINOR 074091	STE	Relay Activator	59306A	253A09256	HP	\$1,500.00

Survey Equipment

83	NA	STE	RF Voltmeter	410C	0982A24741	HP	\$400.00
84	NA	STE	Scope meter	105B	DM6590355	Fluke	\$2,711.78
85	MINOR139580	STE	Synthesized Signal Generator	8647A	3349A03846	HP	\$5,188.43
86	NA	STE	Clamp-on Induced Current Meter	HI-3702	61324	Holiday	\$3,795.00
87	NA	STE	Clamp-on Induced Current Meter	HI-3702	61306	Holiday	\$3,795.00
88	MINOR138877	STE	Power Meter	435B	2342A09739	HP	\$1,365.00
89	MINOR 085124	STE	Power Meter	435B	2702A14837	HP	\$1,365.00
90	60921060934	STE	Power Meter	435B	2441A10041	HP	\$1,365.00
91	GFE04002134	STE	Power Sensor 0.01-18 GHz	8481A	2702A64229	HP	\$630.00
92	GFE0400309	STE	Power Sensor 0.01-18 GHz	8481A	1926A29264	HP	\$630.00
93	GFE0400312	STE	Power Sensor 0.01-18 GHz	8481A	2702A64226	HP	\$630.00
94	GFE0400311	STE	Power Sensor 0.01-18 GHz	8481A	2702A64223	HP	\$630.00
95	NA	STE	Power Sensor 0.01-18 GHz	8481A	2702A64227	HP	\$630.00
96	GFE0400313	STE	Power Sensor 0.01-18 GHz	8481A	2702A64229	HP	\$630.00
97	NA	STE	Power Sensor 33 - 50 GHz	Q8486A	331BA01790	HP	\$3,175.00
98	NA	STE	Power Sensor 33 - 50 GHz	Q8486A	331BA01789	HP	\$3,175.00
99	MINOR144538	STE	Clamp-on RF Current Probe	MG-4501B	B019	Mission Research Corp	\$3,750.00
100	MINOR144537	STE	Clamp-on RF Current Probe	MG-4501B	B015/B018	Mission Research Corp	\$3,750.00
101	NA	STE	Clamp-on RF Current Probe	MG-4501	M-12	Mission Research Corp	\$3,750.00
102	NA	STE	Clamp-on RF Current Probe	MG-4501	M-11	Mission Research Corp	\$3,750.00
103	NA	STE	E-Field Sensor 0.010 - 200 MHz	EFS-1	N/A	Instruments for Industries	\$450.00
104	NA	STE	E-Field Probe 0.3 - 1000 MHz	8762	9001	Narda	\$1,000.00
105	NA	STE	E-Field Probe 0.3 - 3000 MHz	8762D	04010	Narda	\$1,000.00
106	NA	STE	E-Field Probe 0.3 - 50 GHz	8723D	03041	Narda	\$1,750.00
107	NA	STE	E-Field Probe 0.3 - 10 MHz	8733	702	Narda	\$1,000.00
108	NA	STE	E-Field Probe 0.3 - 300 MHz	8662B	04035	Narda	\$1,000.00
109	NA	STE	E-Field Probe 0.3 - 40 GHz	8623D	2702706	Narda	\$1,750.00
110	NA	STE	E-Field Probe 0.3 - 40 GHz	8623D	24016	Narda	\$1,750.00
111	NA	STE	E-Field Probe 0.3 - 40 GHz	8623D	32046	Narda	\$1,750.00
112	NA	STE	E-Field Probe 0.5 MHz - 5 GHz	HI-4433-MSE	96603	Holiday	\$3,525.00
113	MINOR144803	STE	E-Field Probe 0.3 - 18 GHz	HI-4456	96669	Holiday	\$3,550.00
114	MINOR144804	STE	E-Field Probe 0.3 - 18 GHz	HI-4456	96668	Holiday	\$3,550.00
115	MINOR145656	STE	E-Field Probe 0.00001-1 GHz	HI-4422	97369	Holiday	\$4,850.00
116	NA	STE	E-Field Probe 0.01 - 1000 MHz	HI-4422	95537	Holiday	\$4,850.00
117	NA	STE	E-Field Probe 0.010 - 1000 MHz	HI-4422	95668	Holiday	\$4,850.00
118	NA	STE	H-Field Probe 0.3 - 30 MHz	HI-4433-LFH	96544	Holiday	\$3,775.00
119	NA	STE	H-Field Probe 10 - 300 MHz	8754	4021	Narda	\$1,000.00
120	NA	STE	H-Field Probe 10 - 300MHz	8633	16053	Narda	\$995.00
121	NA	STE	H-Field Probe 10 - 300 MHz	8633	18027	Narda	\$995.00
122	94938006297	STE	Probe	8662B	71716	Narda	\$1,400.00
123	NA	STE	Probe	8652	4099	Narda	\$1,400.00

Survey Equipment

124	NA	STE	RF Voltage Probe	DH-101	2	NavSea approved	\$700.00
125	NA	STE	RF Voltage Probe	DH-101	001	NavSea approved	\$700.00
126	NA	STE	Data Logger	HI-3320	1216	Holaday	\$1,850.00
127	6092156661	STE	EME Survey Meter	8116	16029	Narda	\$1,000.00
128	None	STE	System Readout	HI-4416	97128	Holaday	\$1,035.00
129	NA	STE	System Readout	HI-4416	178973421	Holaday	\$1,035.00
130	178959992	STE	System Readout	HI-4416	90737	Holaday	\$1,035.00
131	None	STE	System Readout	HI-4416	96266	Holaday	\$1,035.00
132	NA	STE	System Readout	HI-4416	96263	Holaday	\$1,035.00
133	NA	STE	System Readout	HI-4416	96260	Holaday	\$1,035.00
134	NA	STE	System Readout	HI-4416	96295	Holaday	\$1,035.00
135	NA	STE	Antenna Tuner	FC70P	7D040129	Yaesu	\$169.00
136	NA	STE	Antenna Tuner	FC70P	206	Yaesu	\$156.00
137	NA	STE	Antenna Tuner	FC70M	7D040128	Yaesu	\$169.00
138	NA	STE	Antenna Tuner	FC70M	6KD10065	Yaesu	\$156.00
139	MINOR 085932	STE	HF transceiver	FT-70G	6G020085	Yaesu	\$969.00
140	MINOR 085931	STE	HF transceiver	FT-70G	6G040171	Yaesu	\$969.00
141	GFE0400360	STE	VHF Transceiver	FT-23R	7D122543	Yaesu	\$289.00
142	MINOR086118	STE	VHF Transceiver	FT-23R	7M280432	Yaesu	\$289.00
143	94938006295	STE	VHF Transceiver	FT-23R	7M313205	Yaesu	\$289.00
144	MINOR086119	STE	VHF Transceiver	FT-411E	OK263548	Yaesu	\$289.00
145	MINOR086117	STE	VHF Transceiver	FT-23R	7M280437	Yaesu	\$289.00
146	94938006296	STE	VHF Transceiver	FT-23R	7M313235	Yaesu	\$289.00
147	MINOR086116	STE	VHF Transceiver	FT-411E	OK263541	Yaesu	\$289.00
148	NA	STE	VHF Transceiver	FT-23R	7L260863	Yaesu	\$289.00
149	0400370	STE	VHF Transceiver	FT-411E	OK263275	Yaesu	\$289.00
150	NA	STE	VHF Transceiver	FT-411E	OK263270	Yaesu	\$289.00
151	NA	STE	VHF Transceiver	FT-23R	7M313231	Yaesu	\$289.00
152	NA	STE	VHF Transceiver	FT-23R	7M280436	Yaesu	\$289.00
153	NA	STE	VHF Transceiver	FT-23R	7M280434	Yaesu	\$289.00
154	NA	STE	VHF Transceiver	FT-23R	6M061525	Yaesu	\$209.00
155	NA	STE	VHF Transceiver	FT-23R	7M280433	Yaesu	\$289.00
156	NA	STE	VHF Transceiver	FT-470	0L281165	Yaesu	\$299.00
157	NA	STE	VHF Transceiver	FT-23R	7I150797	Yaesu	\$289.00
158	NA	STE	VHF Transceiver	FT-23R	7E111477	Yaesu	\$289.00
159	NA	STE	VHF Transceiver	FT-23R	7E111476	Yaesu	\$289.00
160	NA	STE	VHF Transceiver	FT-23R	7D122547	Yaesu	\$289.00
161	NA	STE	VHF Transceiver	FT-23R	7D122546	Yaesu	\$289.00
162	NA	STE	VHF Transceiver	FT-23R	7D122545	Yaesu	\$289.00
163	NA	STE	VHF Transceiver	FT-23R	7D122544	Yaesu	\$289.00
164	NA	STE	VHF Transceiver	FT-23R	7D122541	Yaesu	\$289.00

Survey Equipment

165	NA	STE	ThruLine Wattmeter	4410A	1420	Bird	\$977.00
166	0400332	STE	ThruLine Wattmeter	4410A	0841	Bird	\$977.00
167	0400333	STE	ThruLine Wattmeter	4410A	2555	Bird	\$977.00
168	MINOR065725	STE	ThruLine Wattmeter	43	122701	Bird	\$50.00
169	MINOR150001		Double Ridge Horn 0.7-18 GHz	SAS-200/571	377	A. H. Systems Inc.	\$2,700.00
170	MINOR150002		Double Ridge Horn 0.7-18 GHz	SAS-200/571	378	A. H. Systems	\$2,700.00
171	MINOR151445		Laptop Computer	SOL02150	BS200170872	Gateway	\$2,000.00
172	MINOR151443		Laptop Computer	SOL02150	BS200170871	Gateway	\$2,000.00
173	MINOR151444		Laptop Computer	SOL02150	BS200170869	Gateway	\$2,000.00
174			VHF/UHF Transceiver	VX-5R	OC221963	YAESU	\$394.00
175			VHF/UHF Transceiver	VX-5R	OC221964	YAESU	\$394.00
176			VHF/UHF Transceiver	VX-5R	OC221965	YAESU	\$394.00
177			VHF/UHF Transceiver	VX-5R	OC221966	YAESU	\$394.00
178			VHF/UHF Transceiver	VX-5R	OC222461	YAESU	\$394.00
179			VHF/UHF Transceiver	VX-5R	OD250895	YAESU	\$394.00
180		STE	VHF/UHF Transceiver	VX-5R	OC221961	YAESU	\$394.00
181			VHF/UHF Transceiver	VX-5R	OC221962	YAESU	\$394.00
182		STE	VHF/UHF Transceiver	VX-5R	OC222469	YAESU	\$394.00
183		STE	VHF/UHF Transceiver	VX-5R	OC222470	YAESU	\$394.00
184			E-Field Probe 0.3-50 GHz	8723D	05011	NARDA	\$3,900.00
185		STE	EME Survey Meter	8718B	04020	NARDA	\$3,900.00
211			current probe	MG-4051C	035	MISSION RESEARCH	\$3,500.00
212	MINOR156971		Graphical readout	HI-4460	109648	HOLADAY	\$2,500.00
186	NA	STE	EPM Series Power Meter	E4418B	GB40206950OPT	Agilent Technologies	\$3,000.00
188	MINOR12812	STE	EPM Series Power Meter	E4418B	GB402069.49	Agilent Technologies	\$3,000.00
189		STE	E-Field Probe 0.3-50 GHz	8723D	06025	Narda	\$3,175.00
190		STE	EME Survey Meter	8718B	05022	Narda	\$3,900.00
192	NA		Power Supply for HI-4413G	NA	NA	Holaday	\$250.00
193	NA	STE	Fiber Optic RS232 Interface	HI-4413G	NA	Holaday	\$500.00
194		STE	Clamp-on RF Current Meter	MG-4501C	033	Mission Research Corp	\$2,300.00
195	NA	STE	Clamp-on RF Current Meter	MG-4501C	034	Mission Research Corp	\$2,300.00
196	NA	STE	Clamp-on RF Current Meter	MG-4501C	035	Mission Research Corp	\$2,300.00
197	NA	STE	Clamp-on RF Current Meter	MG-4501C	036	Mission Research Corp	\$2,300.00
198	NA	STE	E-Field Probe 0.3-40 GHz (non-repairable)	8723	11024	Narda	\$2,300.00
199	NA	STE	E-Field Probe 0.5 - 5000 MHz	HI-4433-MSE	96746	Holaday	\$2,300.00
200	MINOR155388	STE	Spectrum Analyzer	E4408B	US41190931	Agilent Technologies	\$29,000.00
201	MINOR155389	STE	Spectrum Analyzer	E4408B	US41190830	Agilent Technologies	\$29,000.00
202		STE	Biconical Dipole 20 - 300 MHz	SAS-544	192	A.H. Systems	\$1,800.00
203	NA	STE	Adjustable Dipole 400-1000 MHz	3121C-DB4	0003-1500	ETS	\$1,200.00
204	NA	STE	Adjustable Dipole 400-1000 MHz	3121C-DB4		ETS	\$1,200.00
205	NA	STE	Biconical Dipole 20-300 MHz	SAS-544	193	A.H. Systems	\$1,800.00

Survey/Equipment

206	NA	STE	3 dB Attenuator 43 GHz	1106-3		Waveline	\$1,000.00
207	NA	STE	3 dB Attenuator 43 GHz	1106-3	N/A	Waveline	\$1,000.00
208	NA	STE	3 dB Attenuator 43 GHz	1106-3	N/A	Waveline	\$1,000.00
209	NA	OPE	Integral Personal Computer	207	2508A02621	HP	\$700.00
210	NA	OPE	Integral Personal Computer	207	2508A02621	HP	\$700.00
213	NA	STE	Electric Field Probe 0.0001 - 5 GHz w/charger	HI-6005	200010	HOLADAY	\$2,500.00
214	NA	STE	GPIB	AT	NA	National	\$495.00
							\$405,716.67